

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

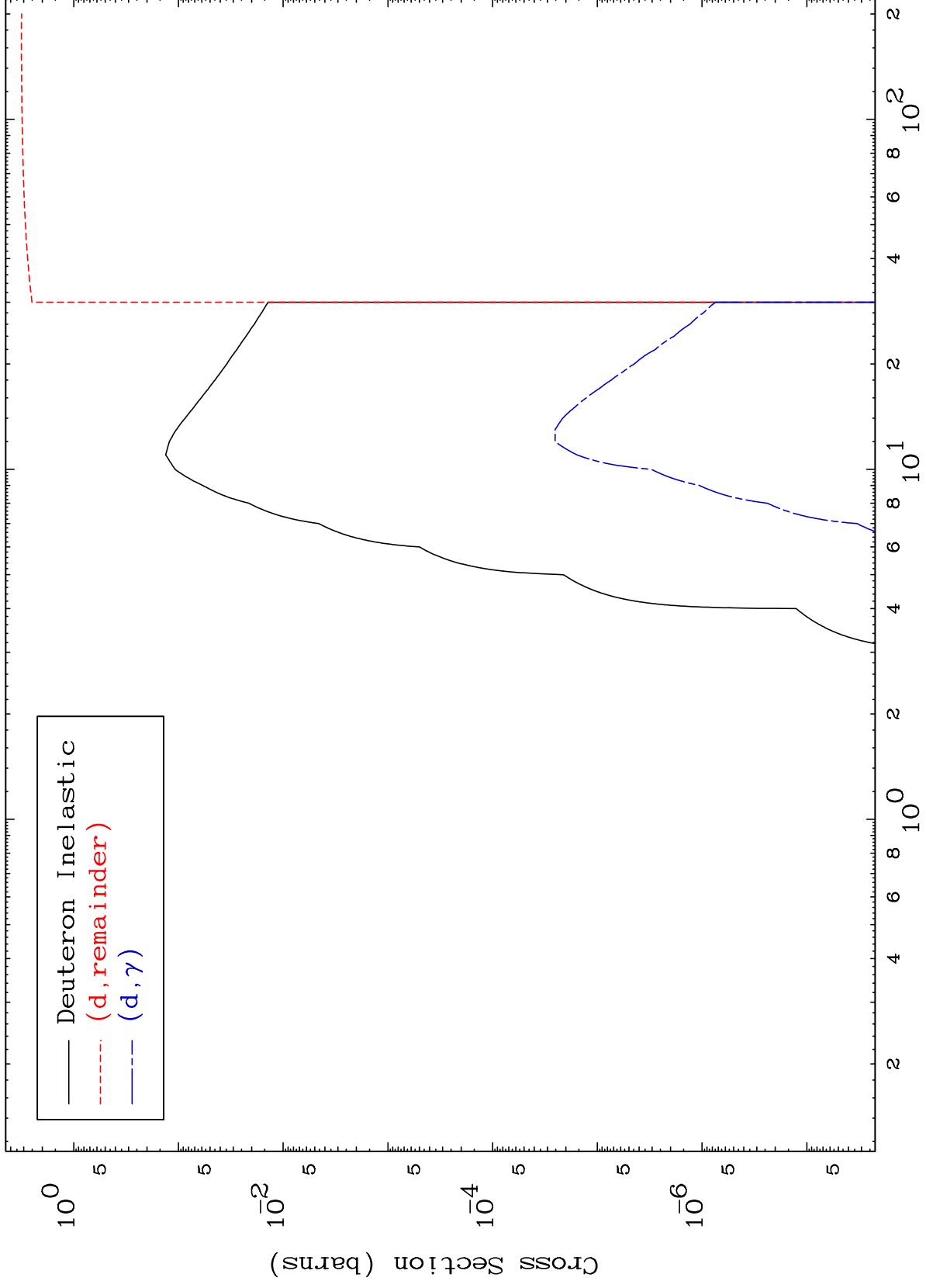
Web:redcullen1.net/HOMEPAGE.NEW

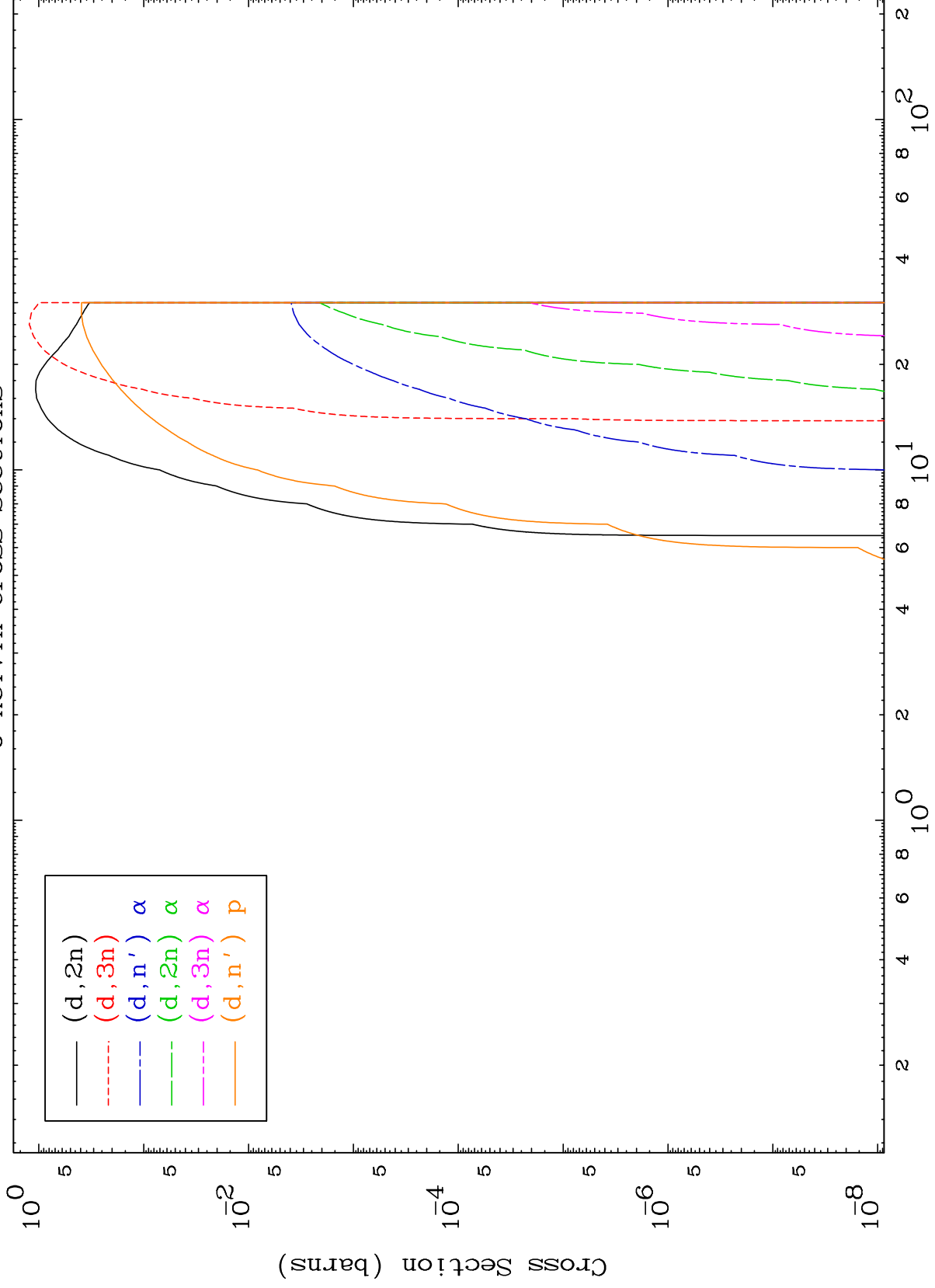
Press Mouse Button to Start

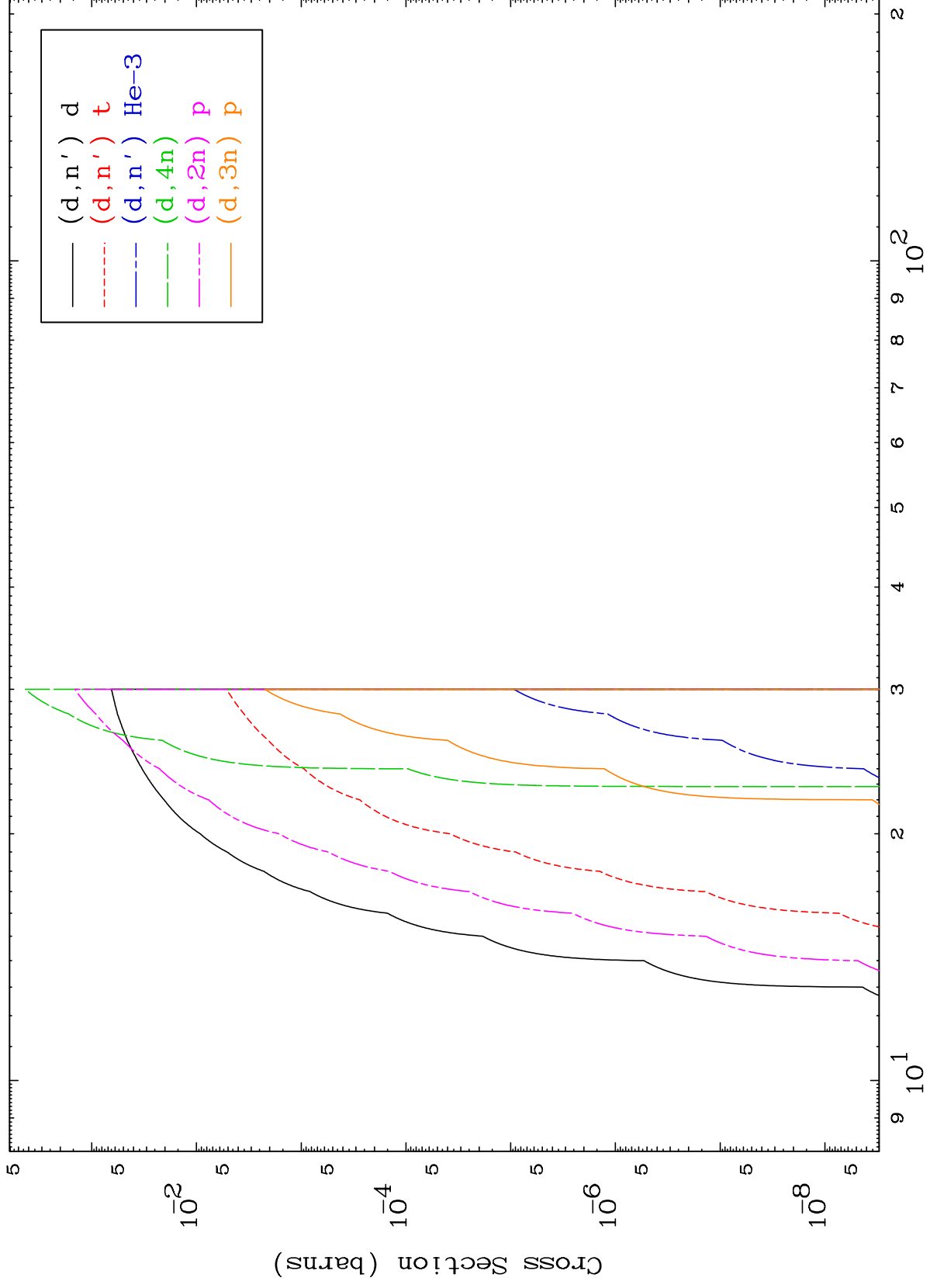
MAT 8031

Deuteron Major
0 Kelvin Cross Sections

80-Hg-198



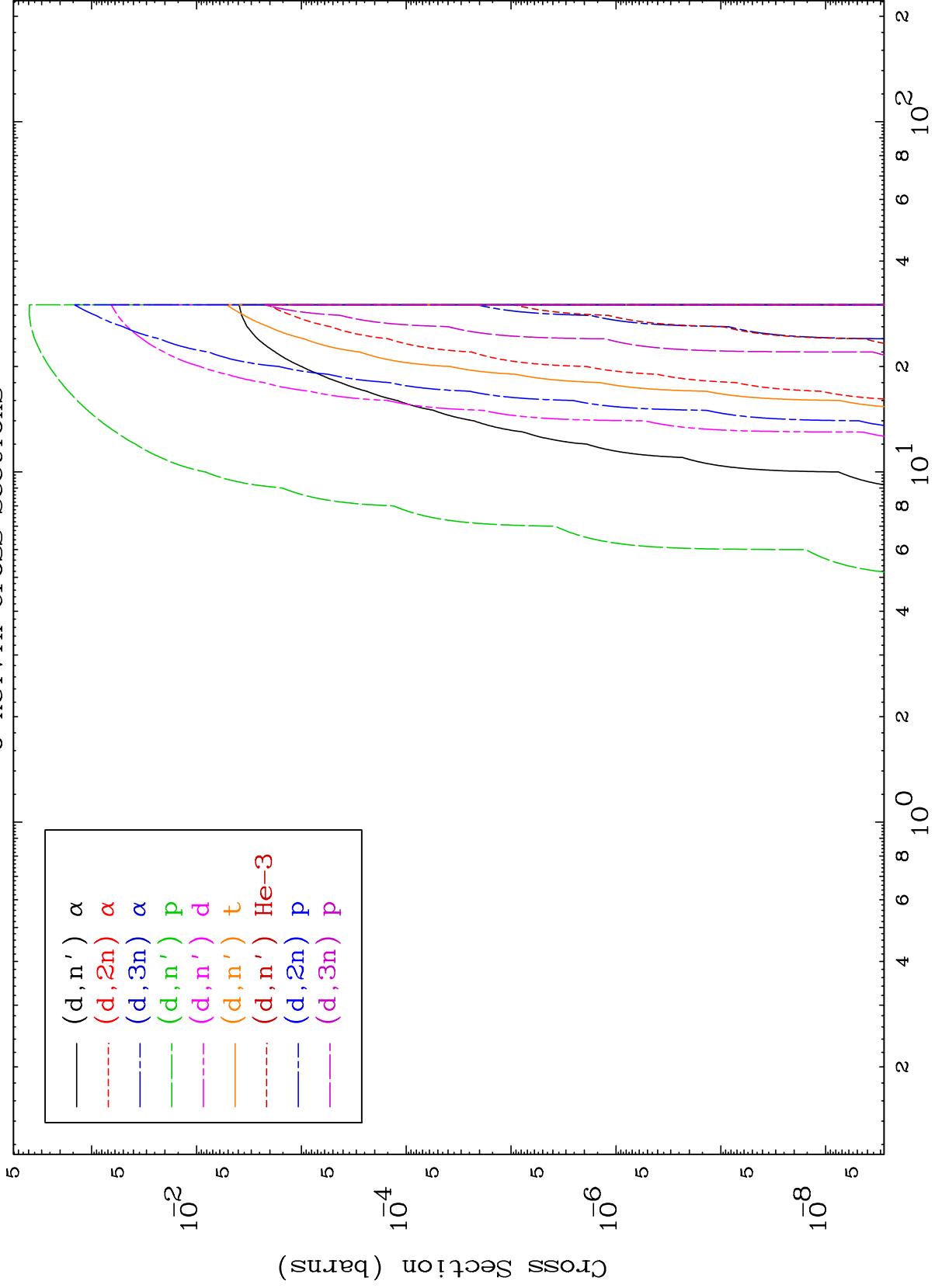


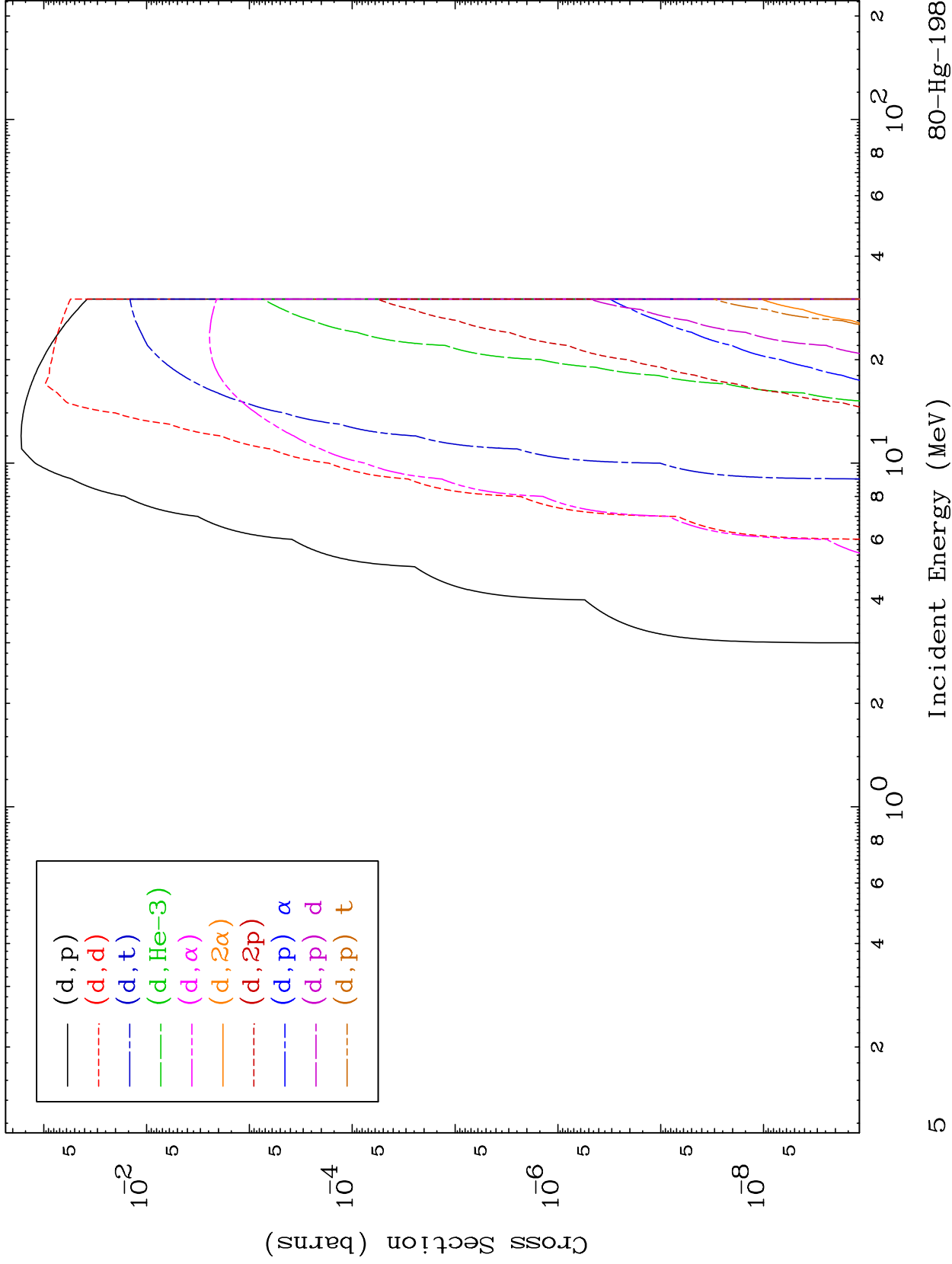


MAT 8031

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-198



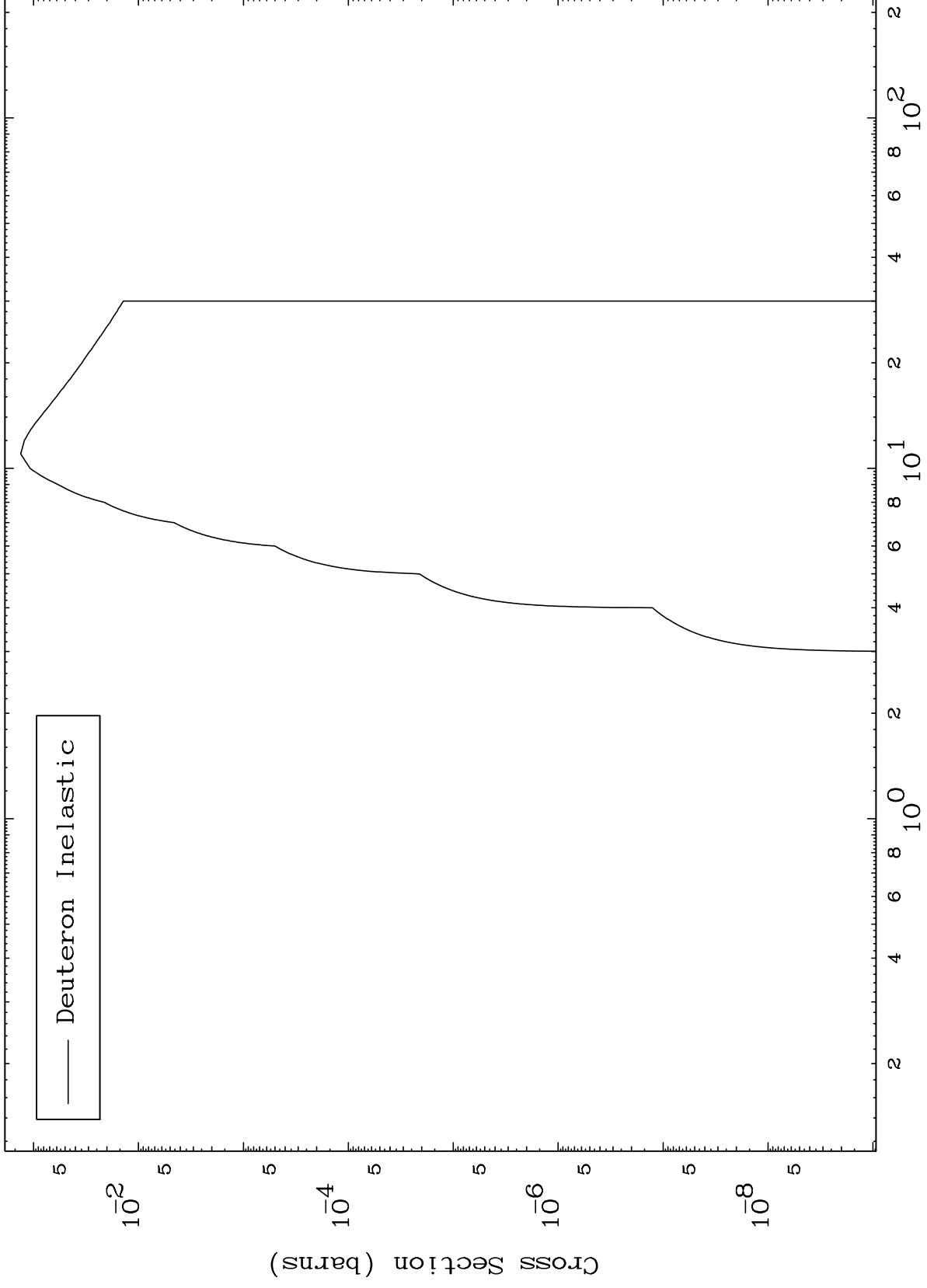


MAT 8031

(d,n') Level

80-Hg-198

0 Kelvin Cross Sections



Deuteron Inelastic

6

Incident Energy (MeV)

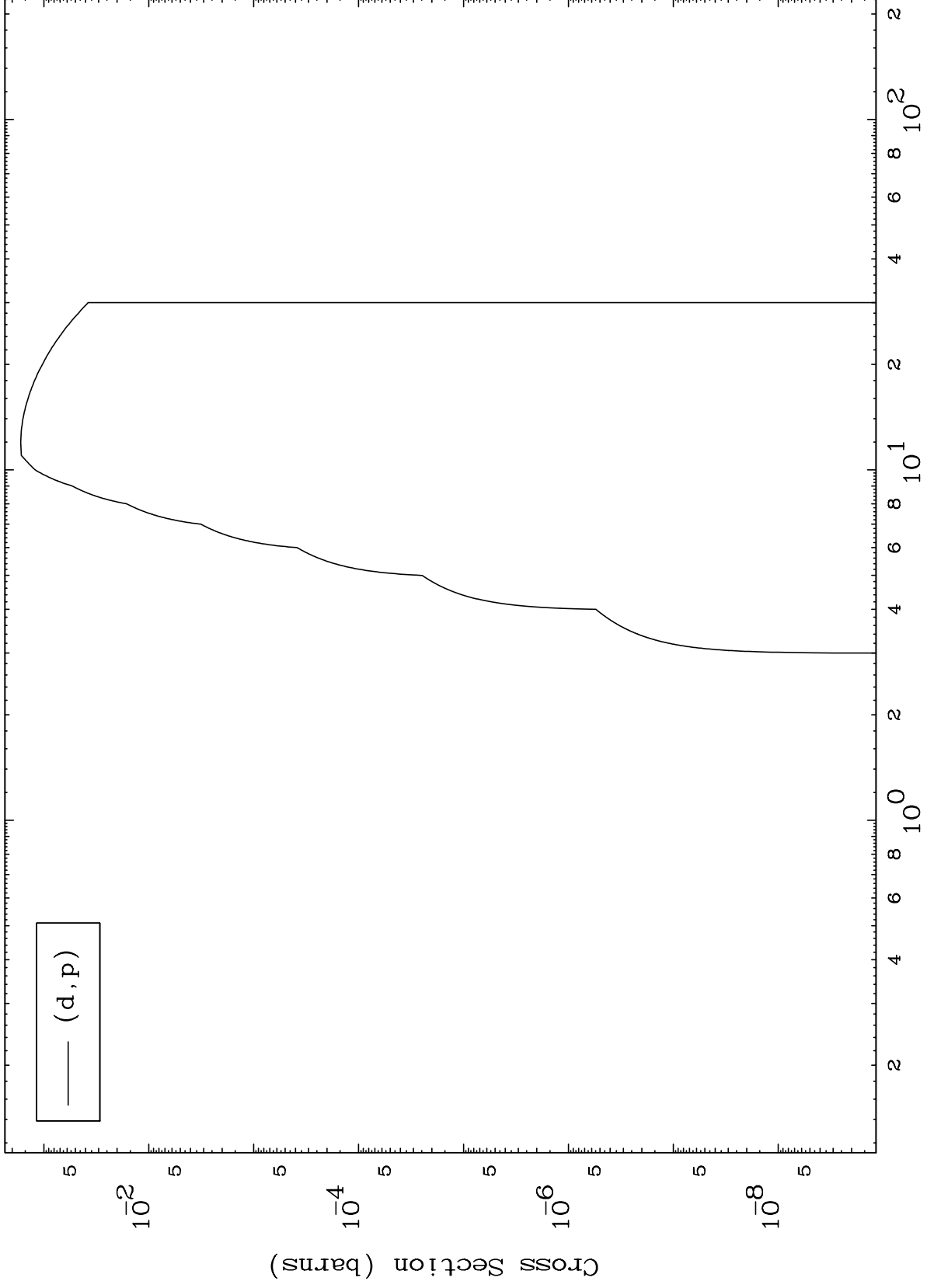
80-Hg-198

MAT 8031

(d,p) Levels

80-Hg-198

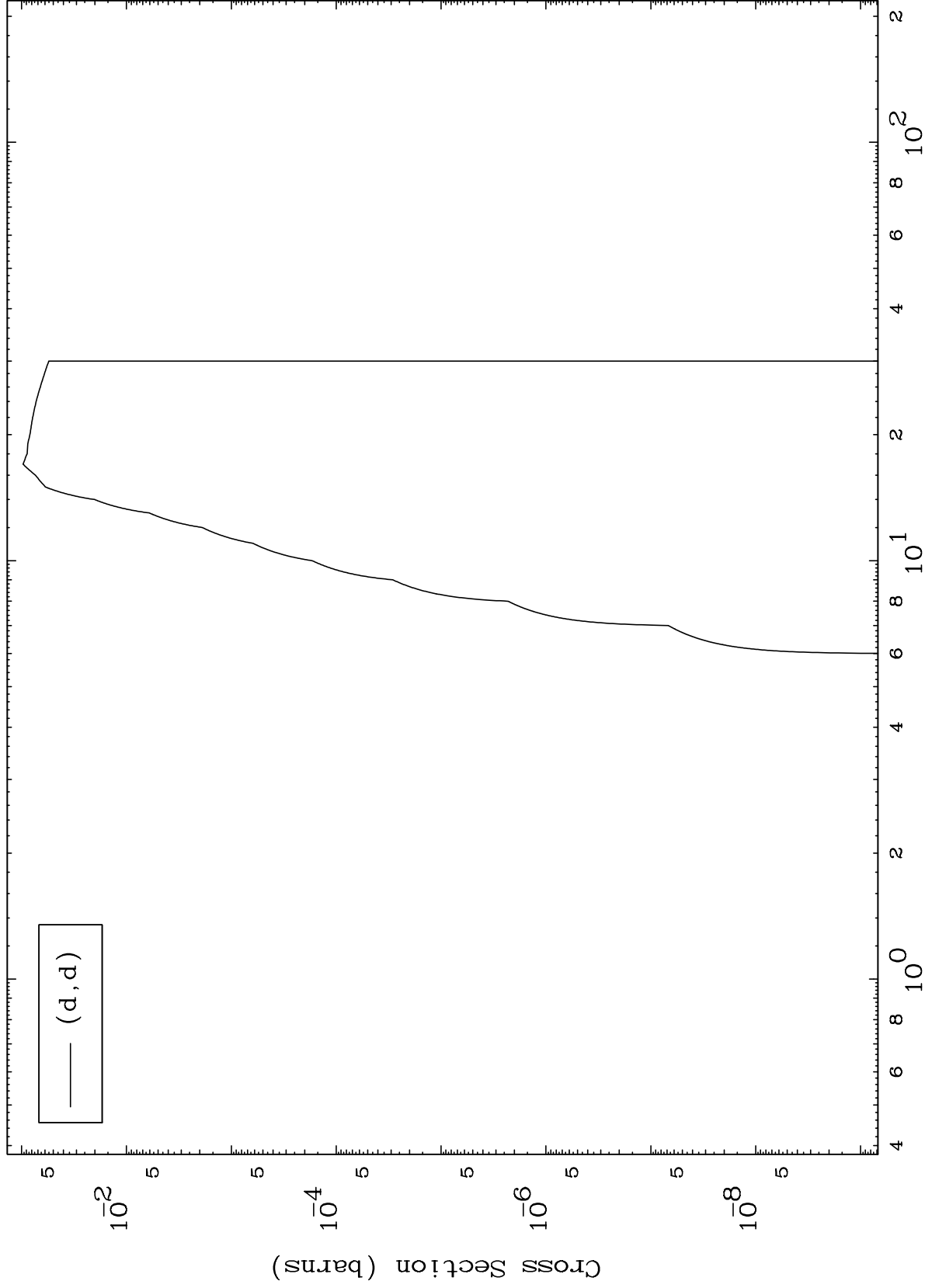
0 Kelvin Cross Sections



MAT 8031

80-Hg-198

(d,d) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

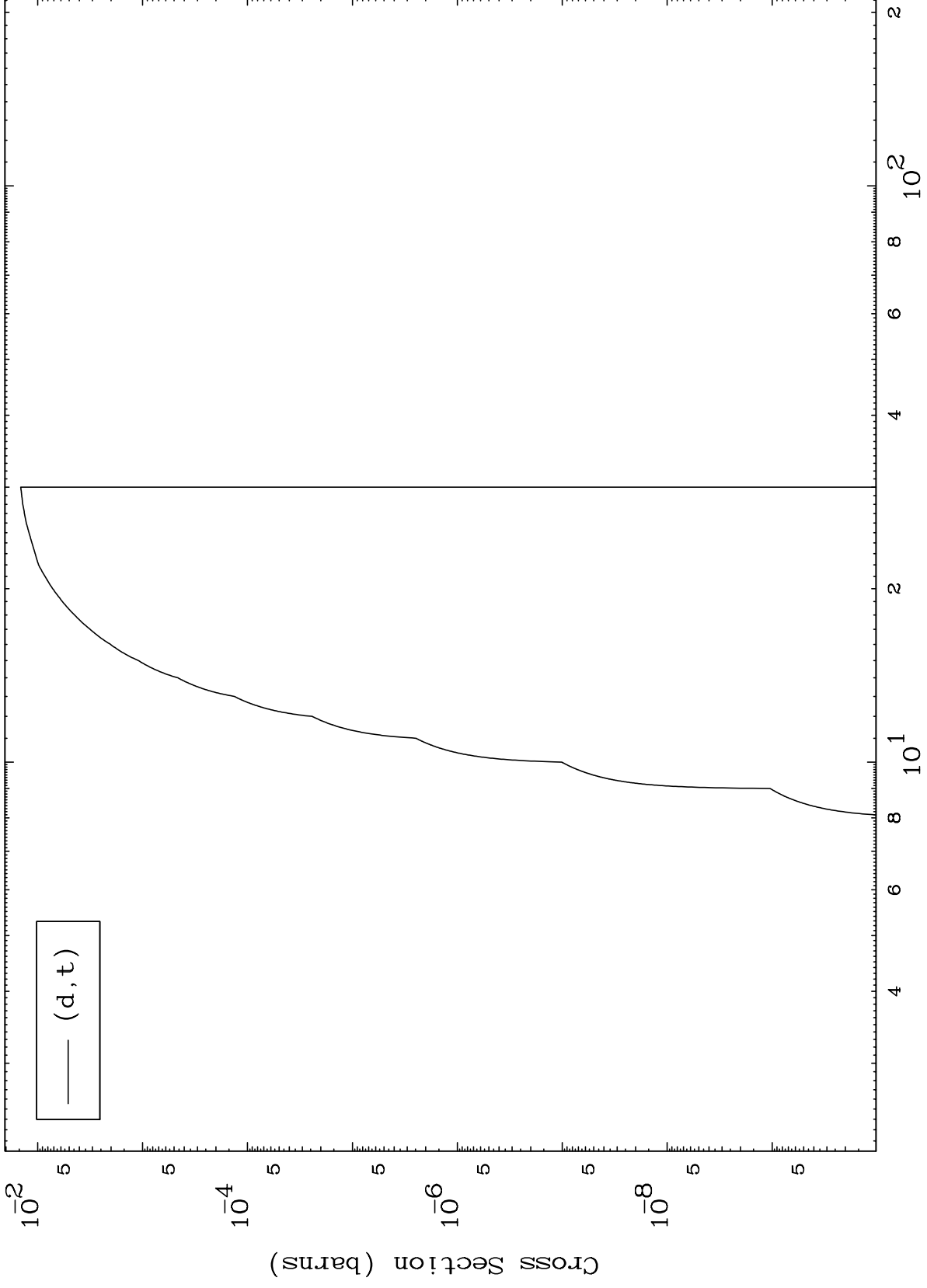
80-Hg-198

MAT 8031

(d,t) Levels

80-Hg-198

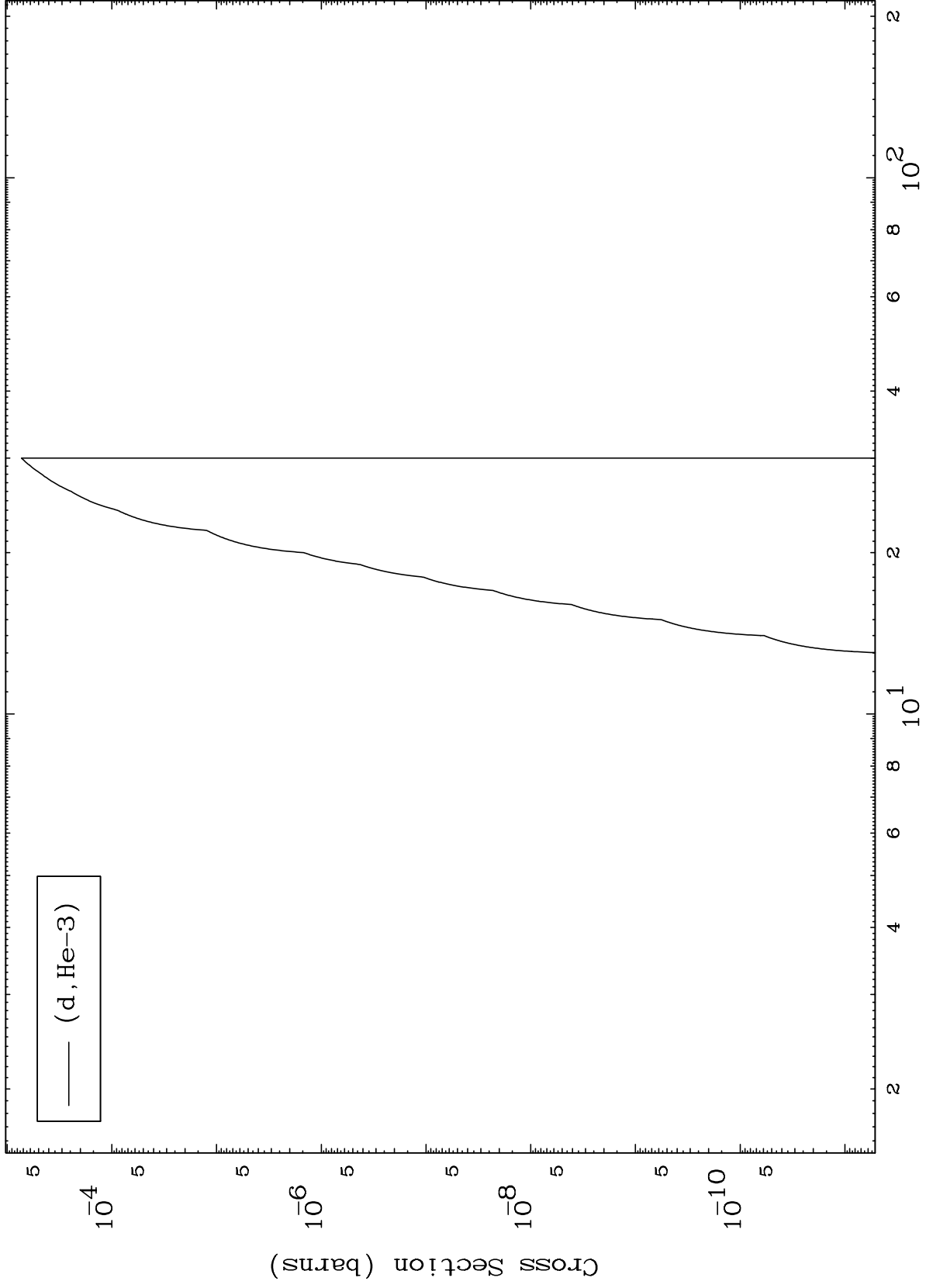
0 Kelvin Cross Sections



MAT 8031

(d,He3) Levels
0 Kelvin Cross Sections

80-Hg-198



10

Incident Energy (MeV)

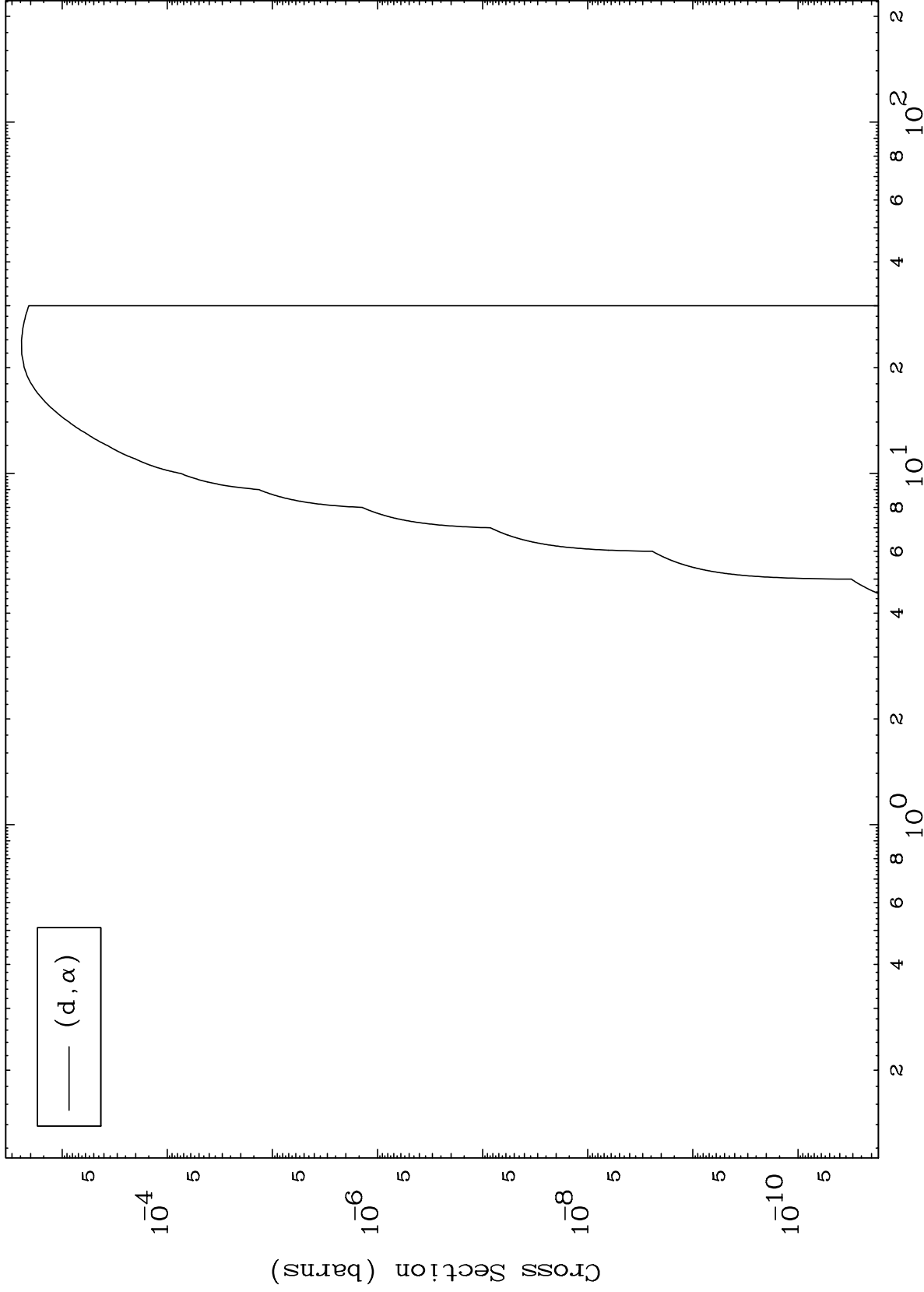
80-Hg-198

MAT 8031

(d, α) Levels

80-Hg-198

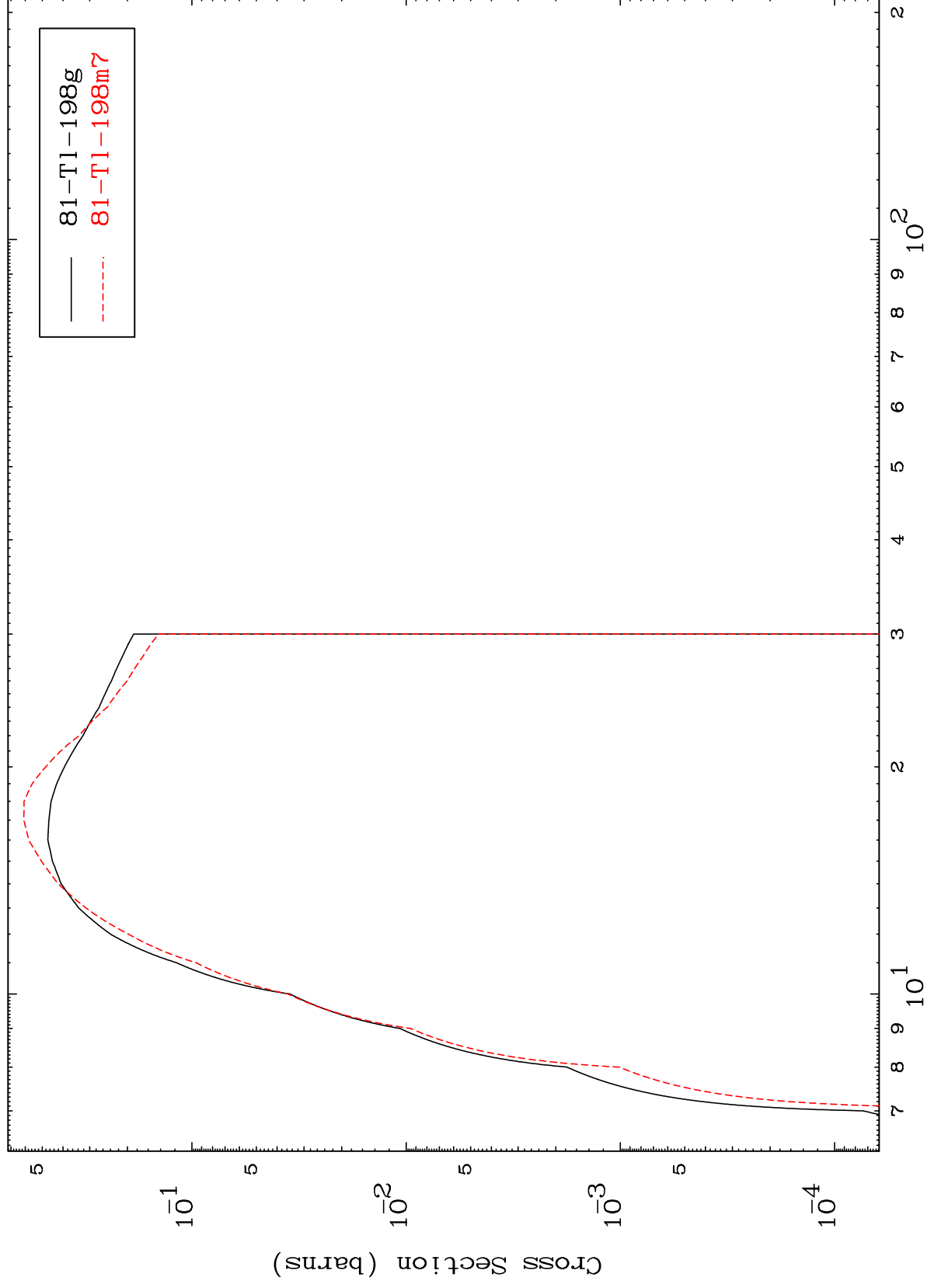
0 Kelvin Cross Sections



MAT 8031

80-Hg-198

(d,2n)
Radionuclide Production Cross Section



12

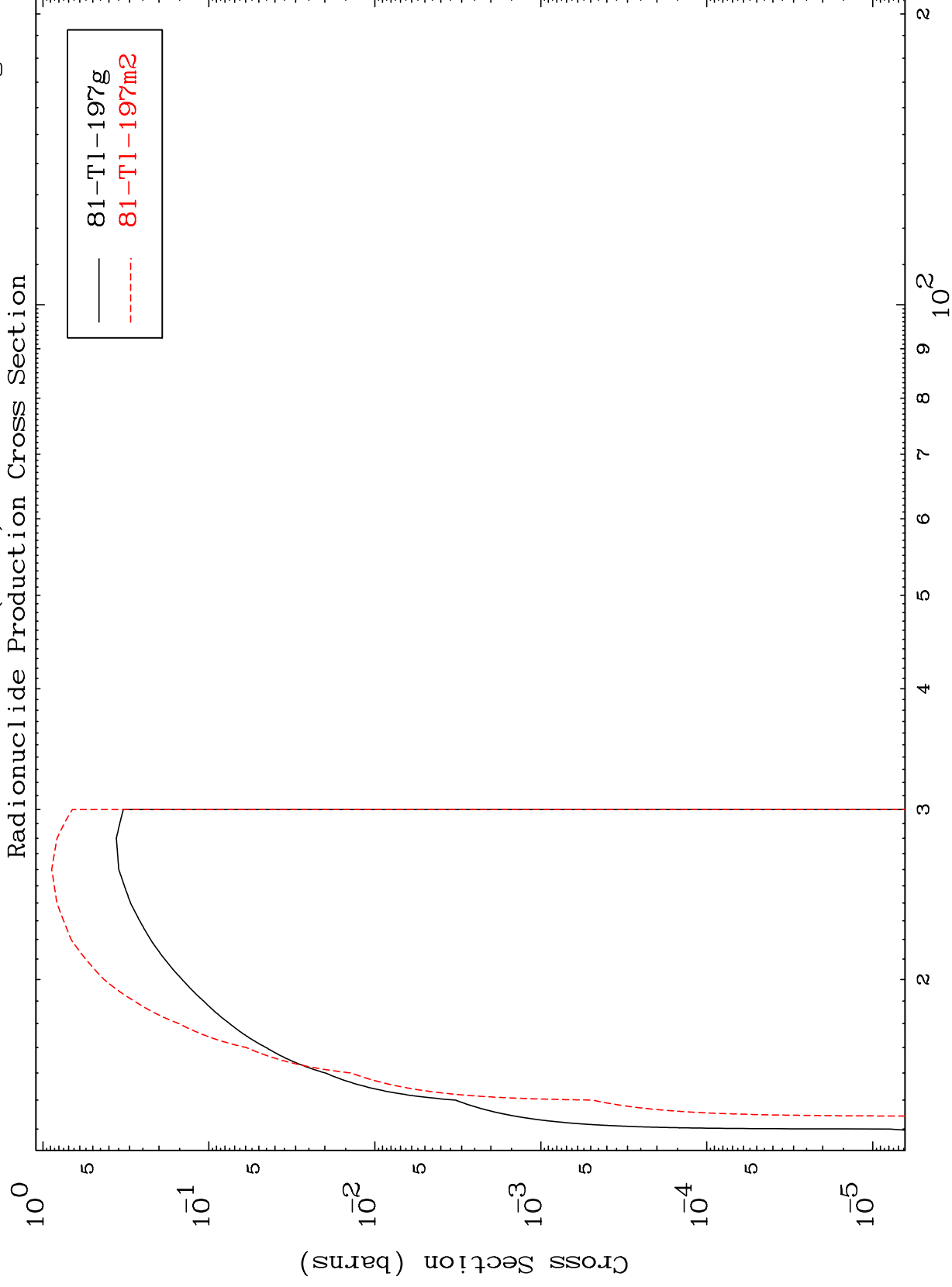
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(d,3n)
Radionuclide Production Cross Section



13

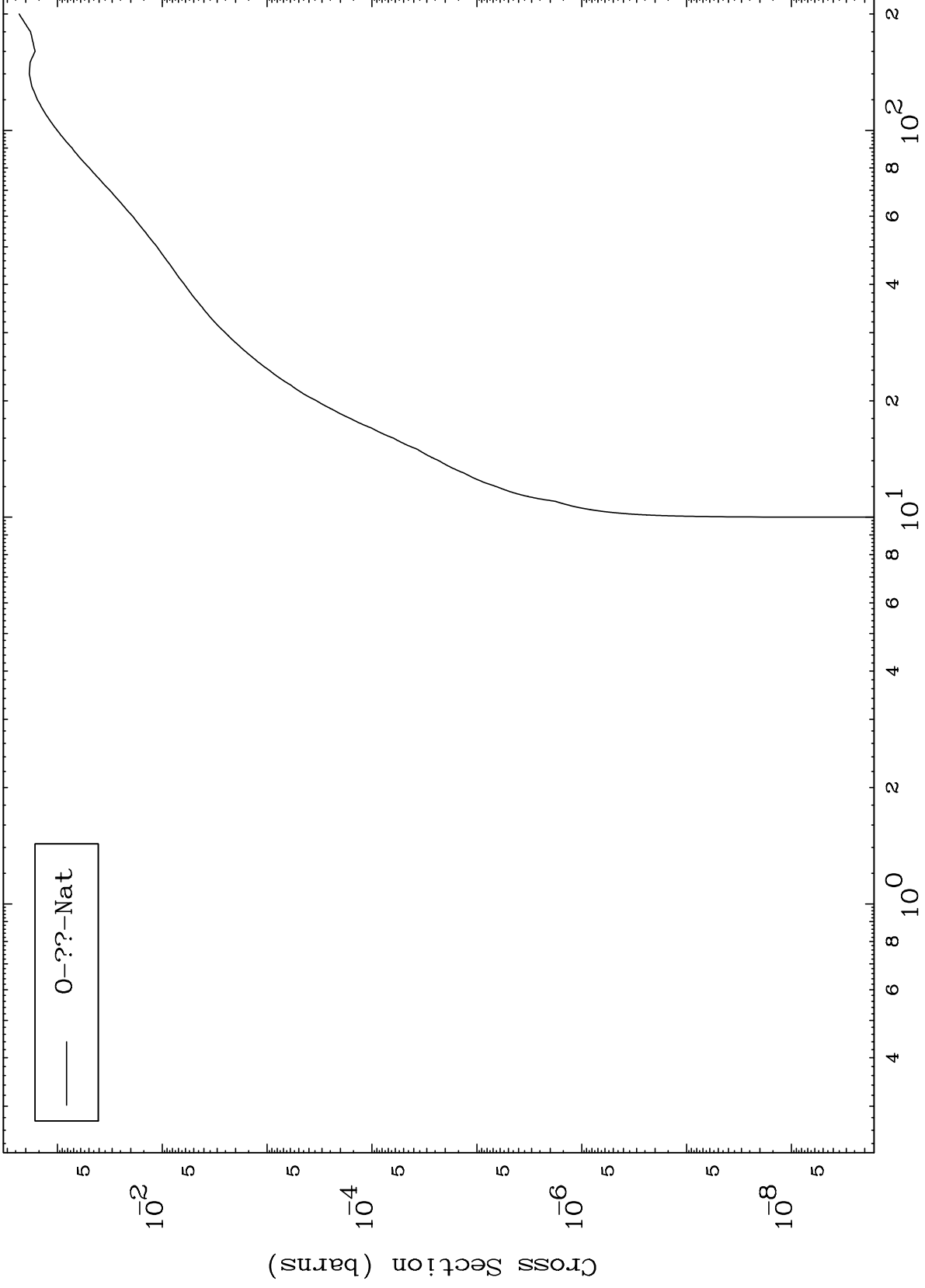
Incident Energy (MeV)

80-Hg-198

MAT 8031

Deuteron Fission
Radionuclide Production Cross Section

80-Hg-198



14

Incident Energy (MeV)

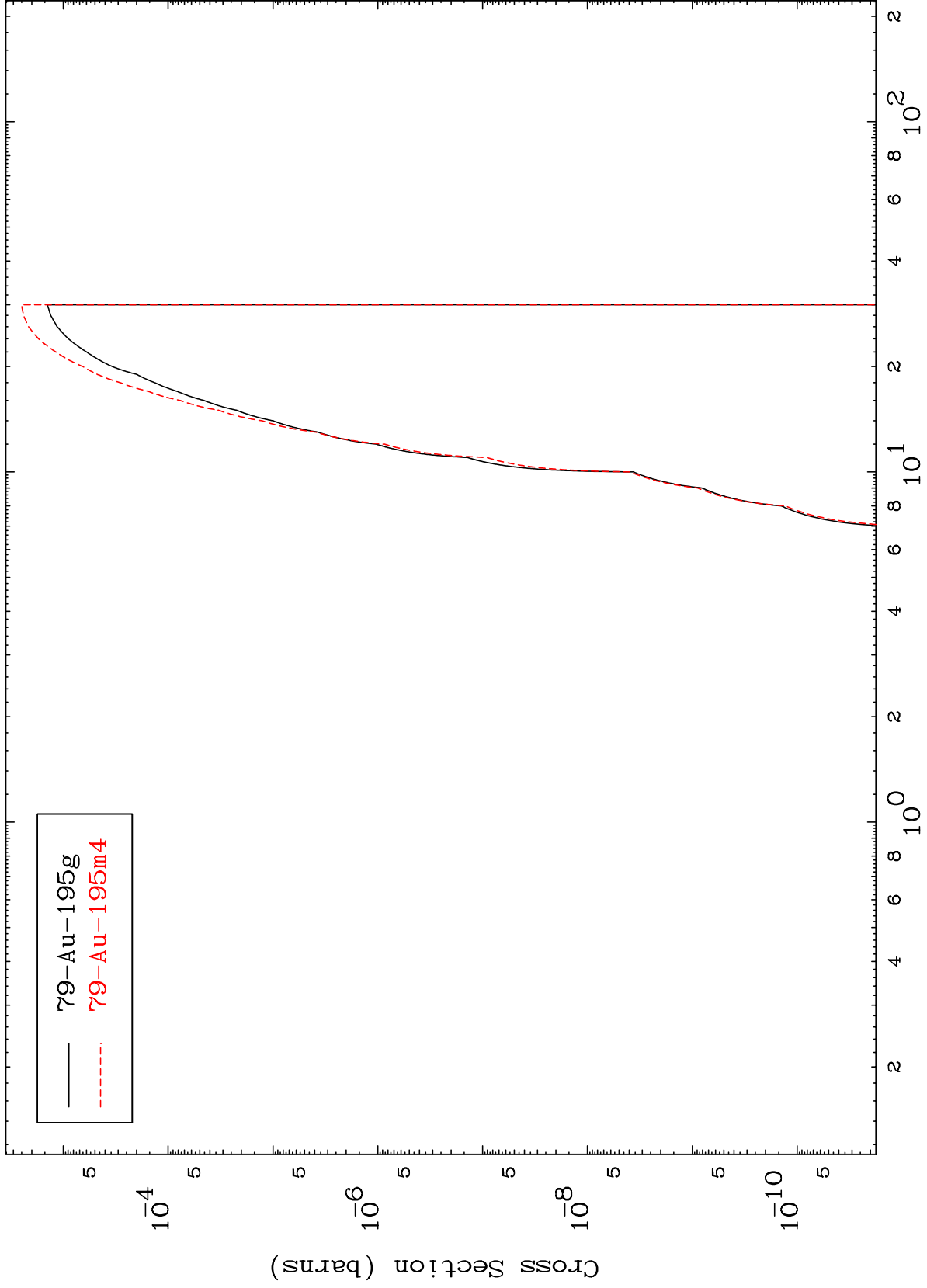
80-Hg-198

MAT 8031

(d,n') α

80-Hg-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

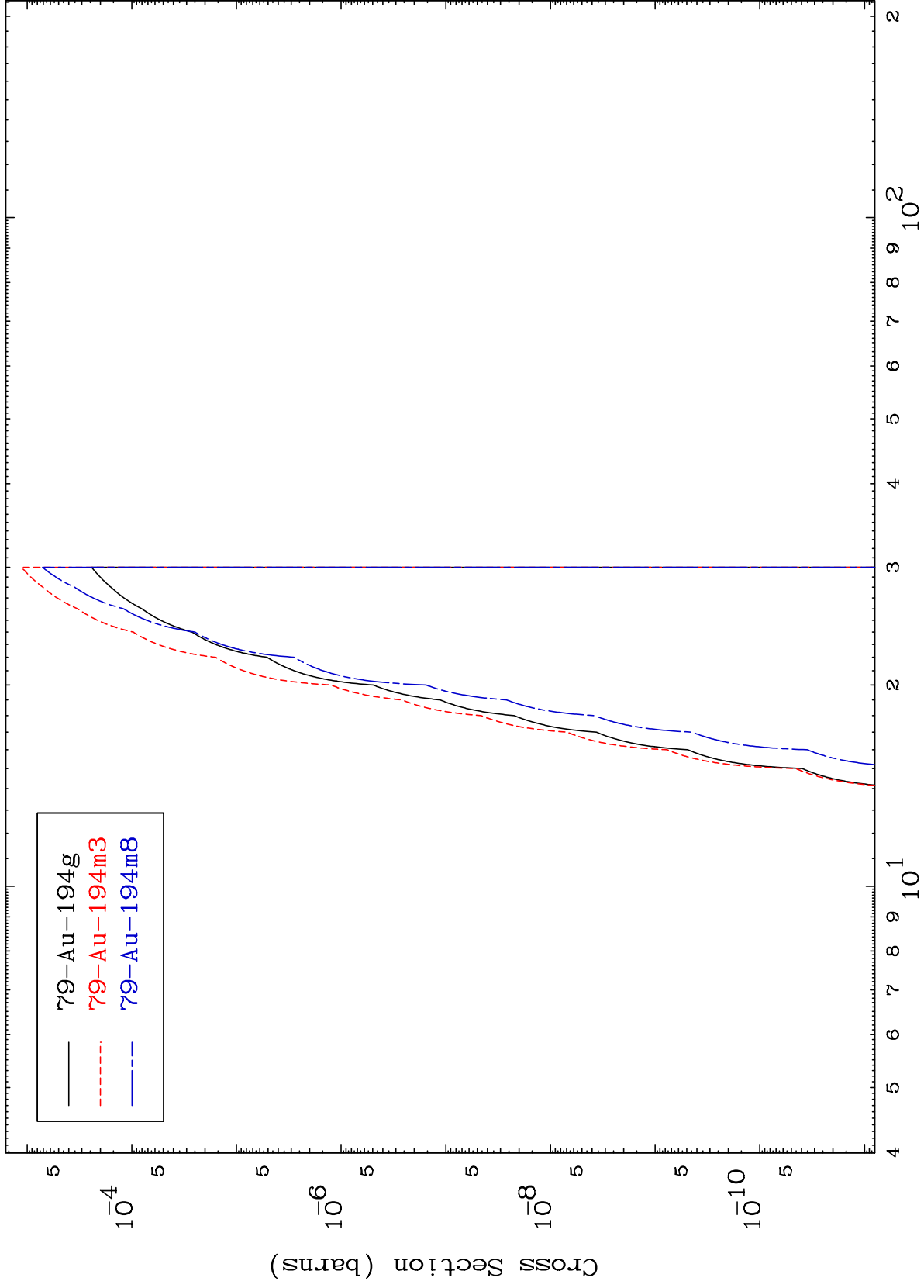
80-Hg-198

MAT 8031

(d,2n) α

80-Hg-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

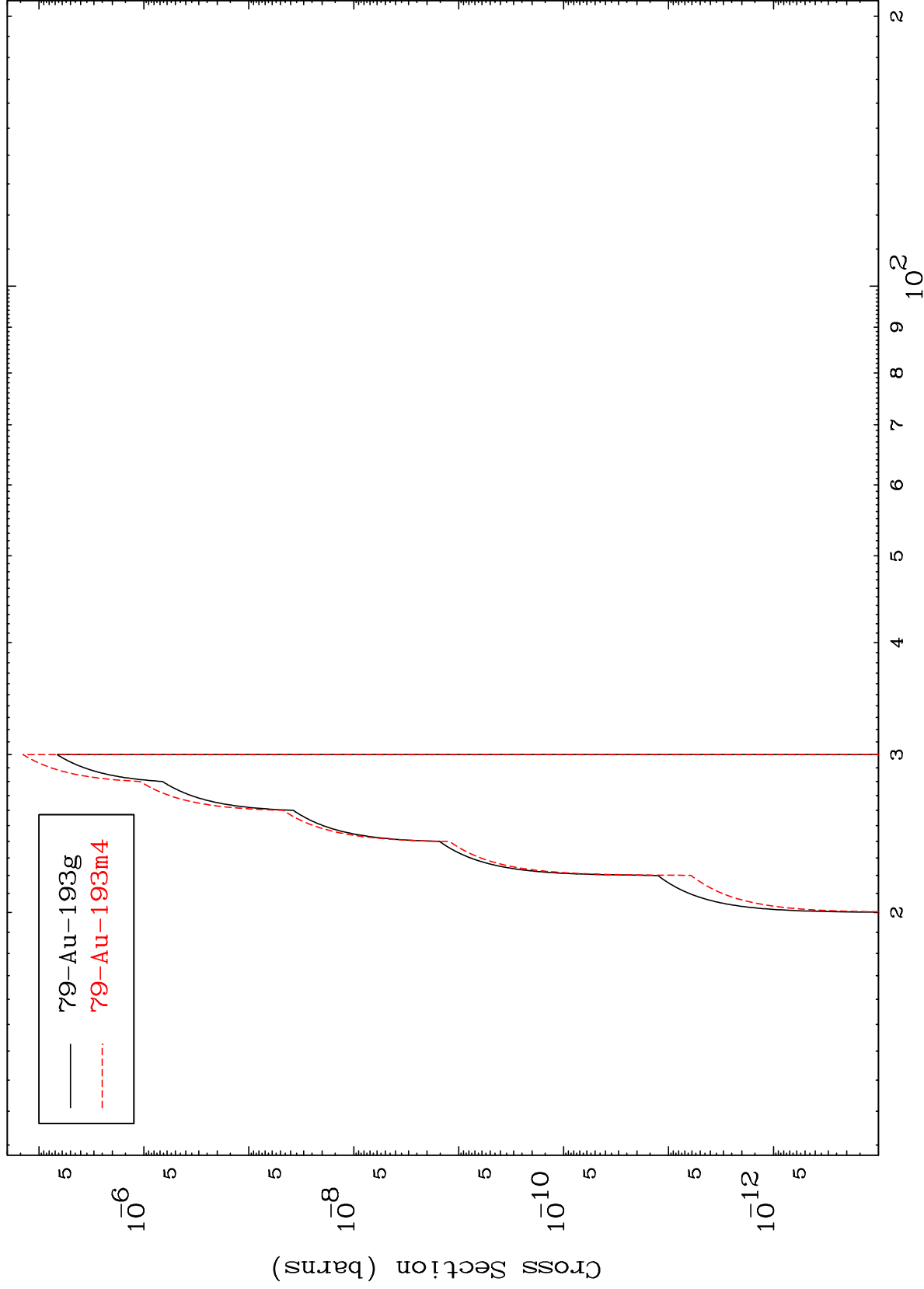
80-Hg-198

MAT 8031

80-Hg-198

(d,3n) α

Radionuclide Production Cross Section



17

Incident Energy (MeV)

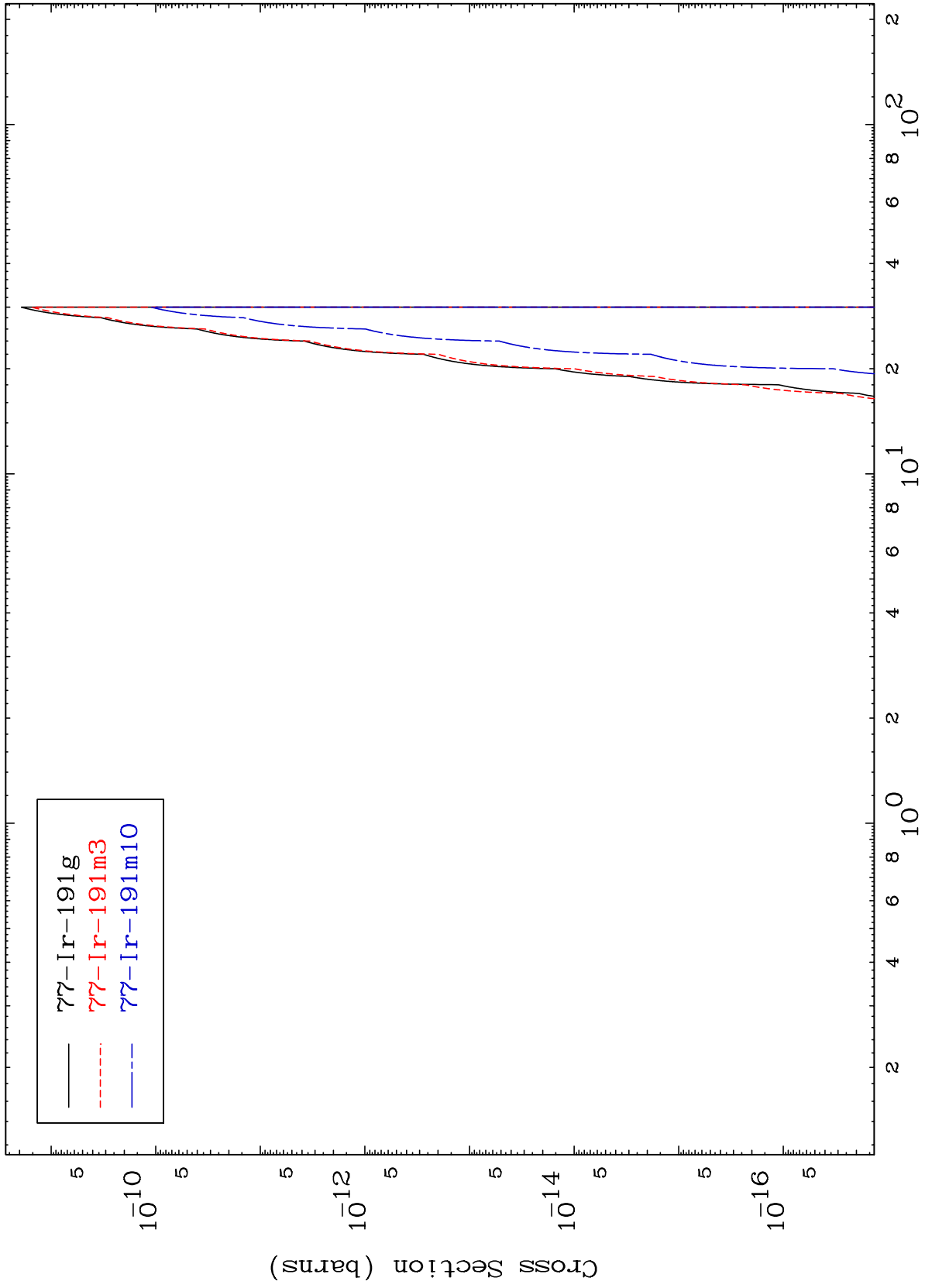
80-Hg-198

MAT 8031

(d,n') 2 α

80-Hg-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

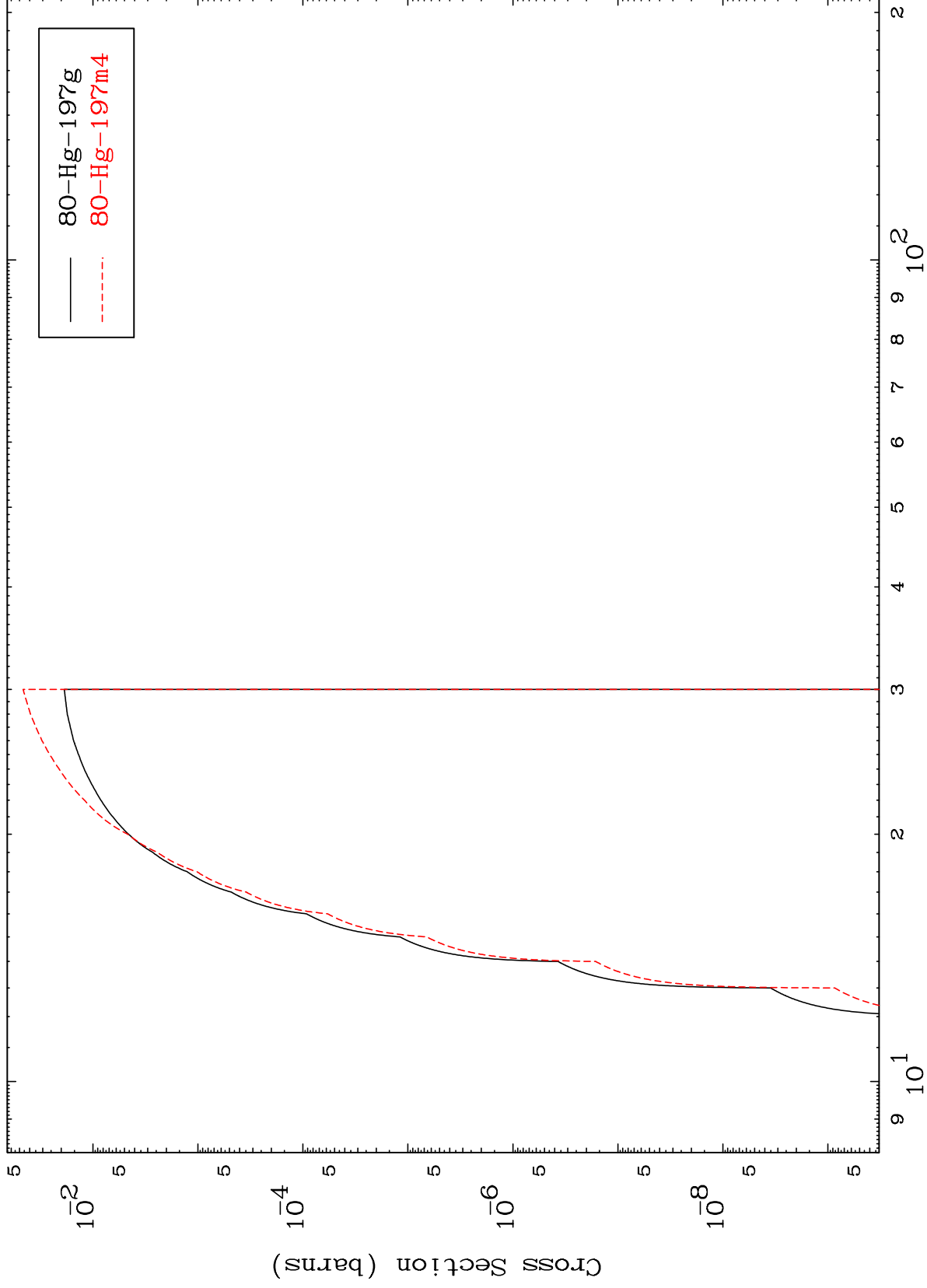
80-Hg-198

MAT 8031

(d,n') d

80-Hg-198

Radionuclide Production Cross Section



19

Incident Energy (MeV)

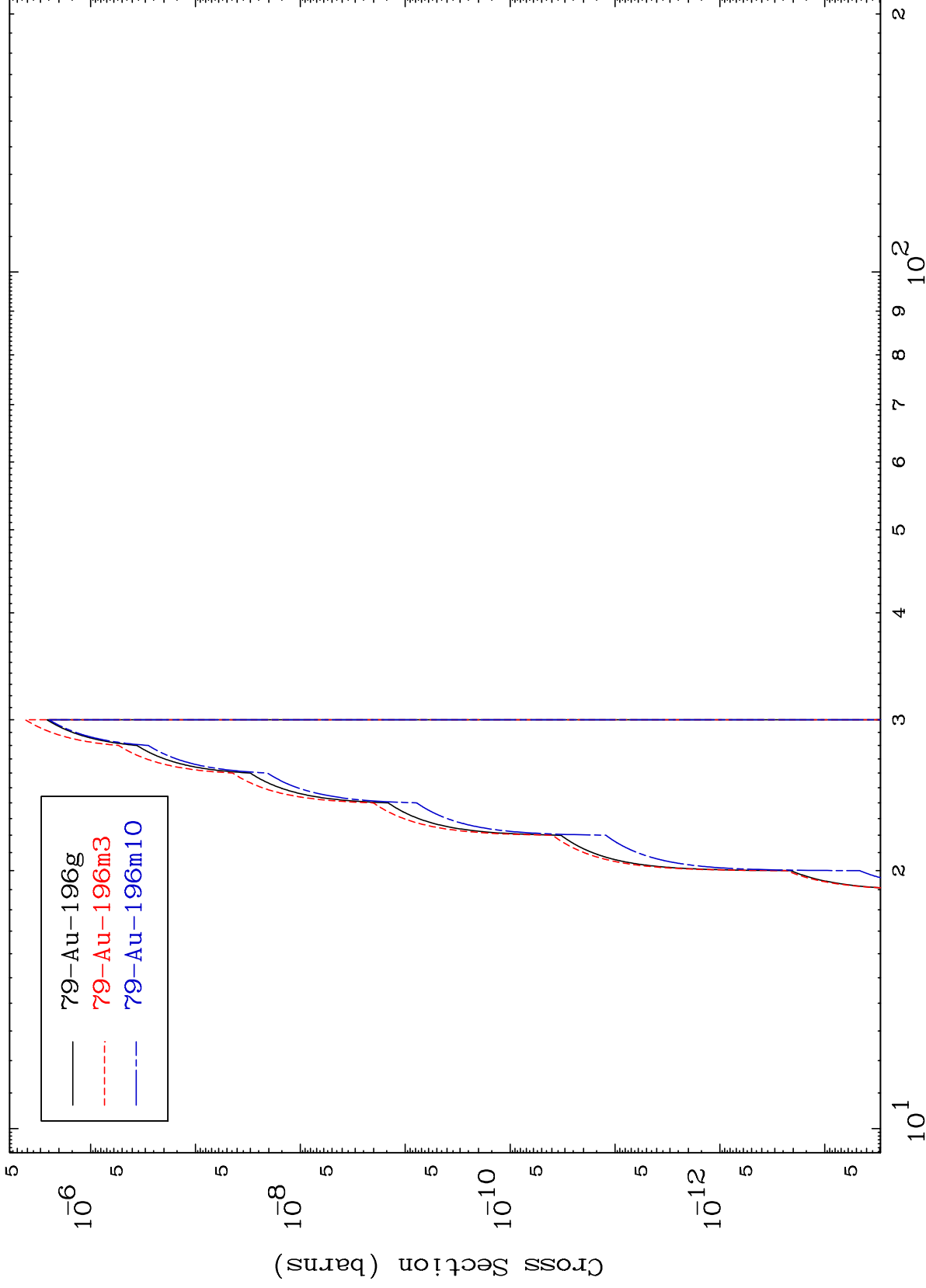
80-Hg-198

MAT 8031

(d,n') He-3

80-Hg-198

Radionuclide Production Cross Section



Incident Energy (MeV)

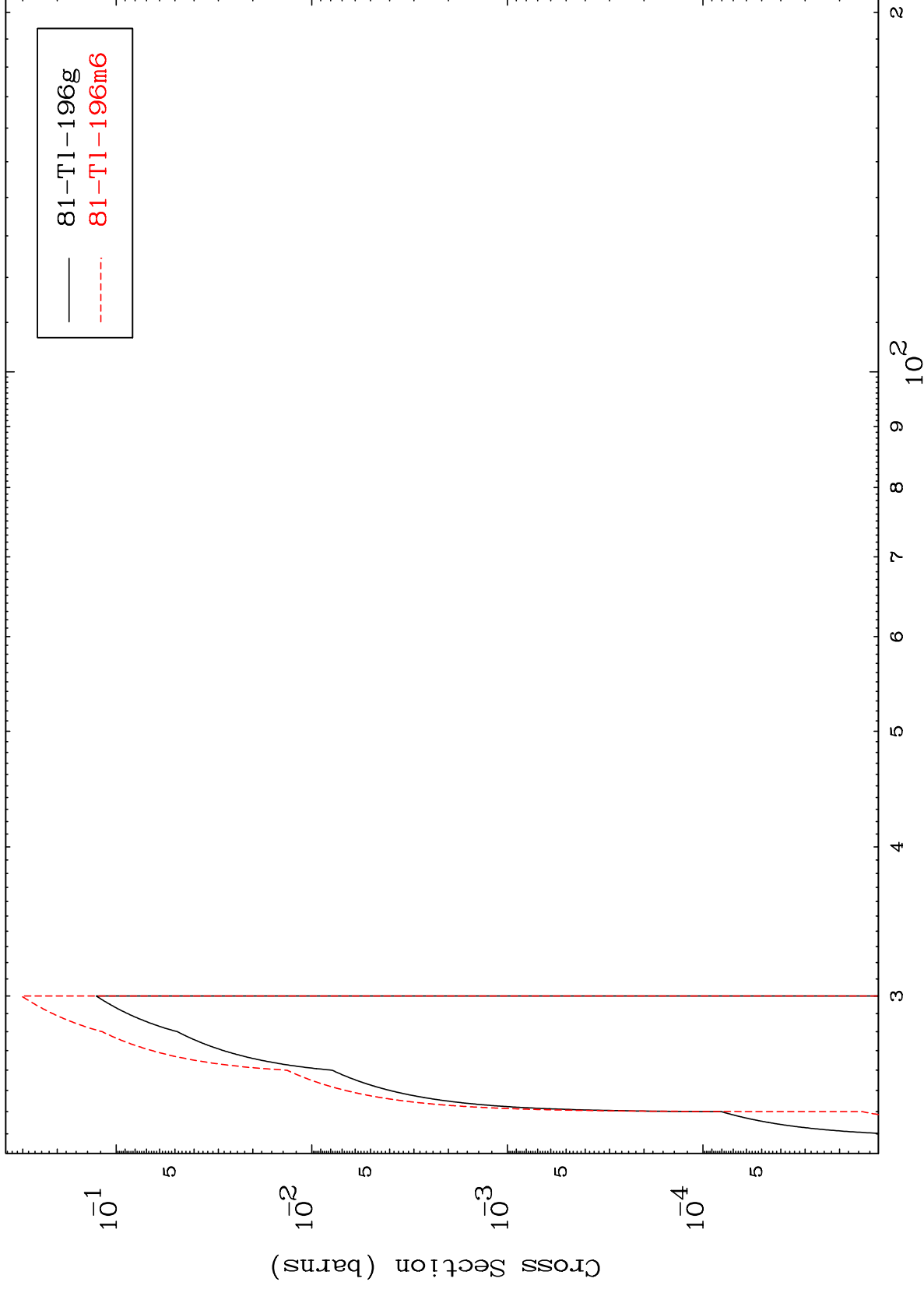
80-Hg-198

MAT 8031

(d,4n)

80-Hg-198

Radionuclide Production Cross Section

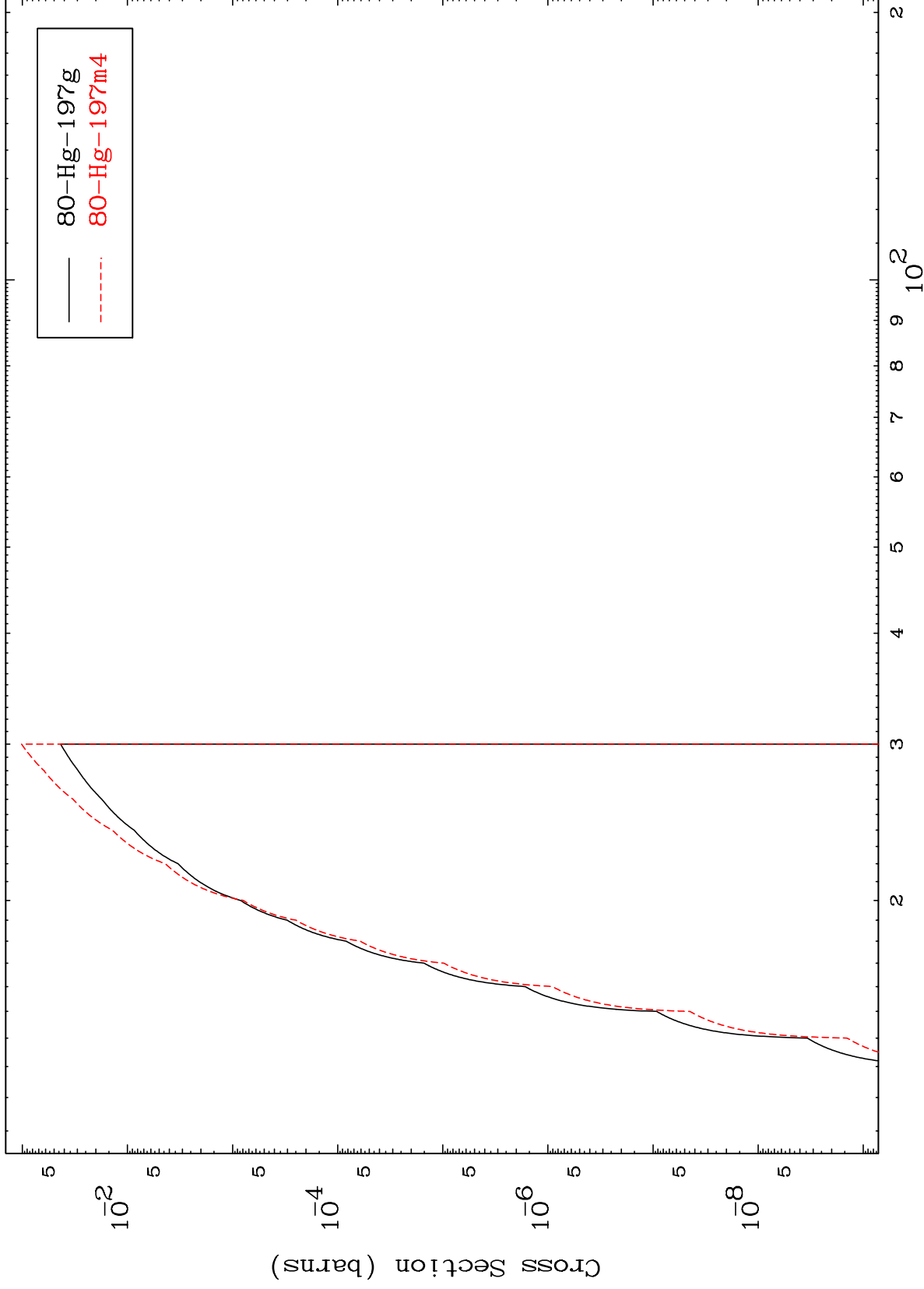


21

Incident Energy (MeV)

80-Hg-198

Radionuclide Production Cross Section



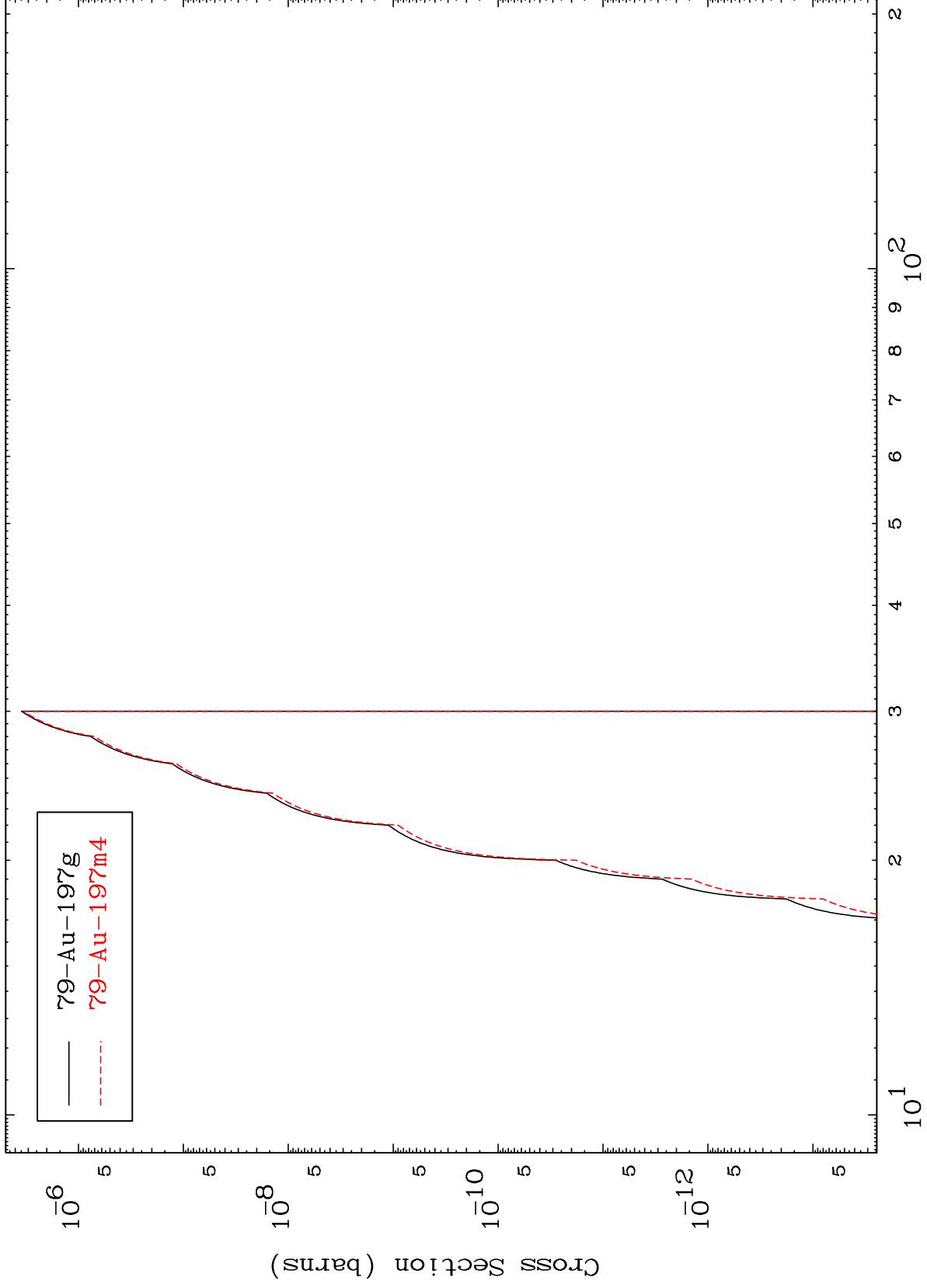
80-Hg-197g
80-Hg-197m4

MAT 8031

(d,2n) p

80-Hg-198

Radionuclide Production Cross Section



23

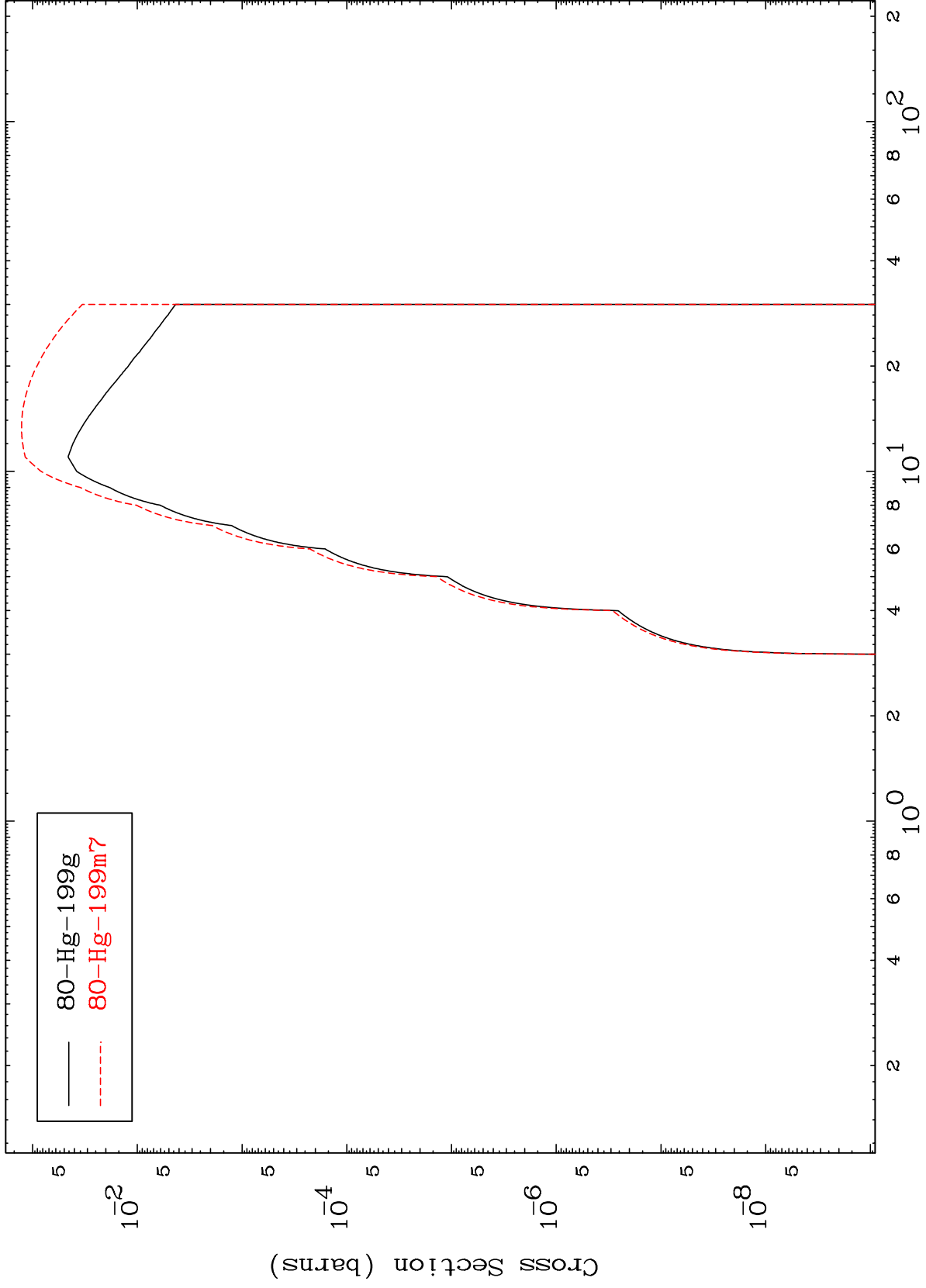
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(d,p)
Radionuclide Production Cross Section



24

80-Hg-198

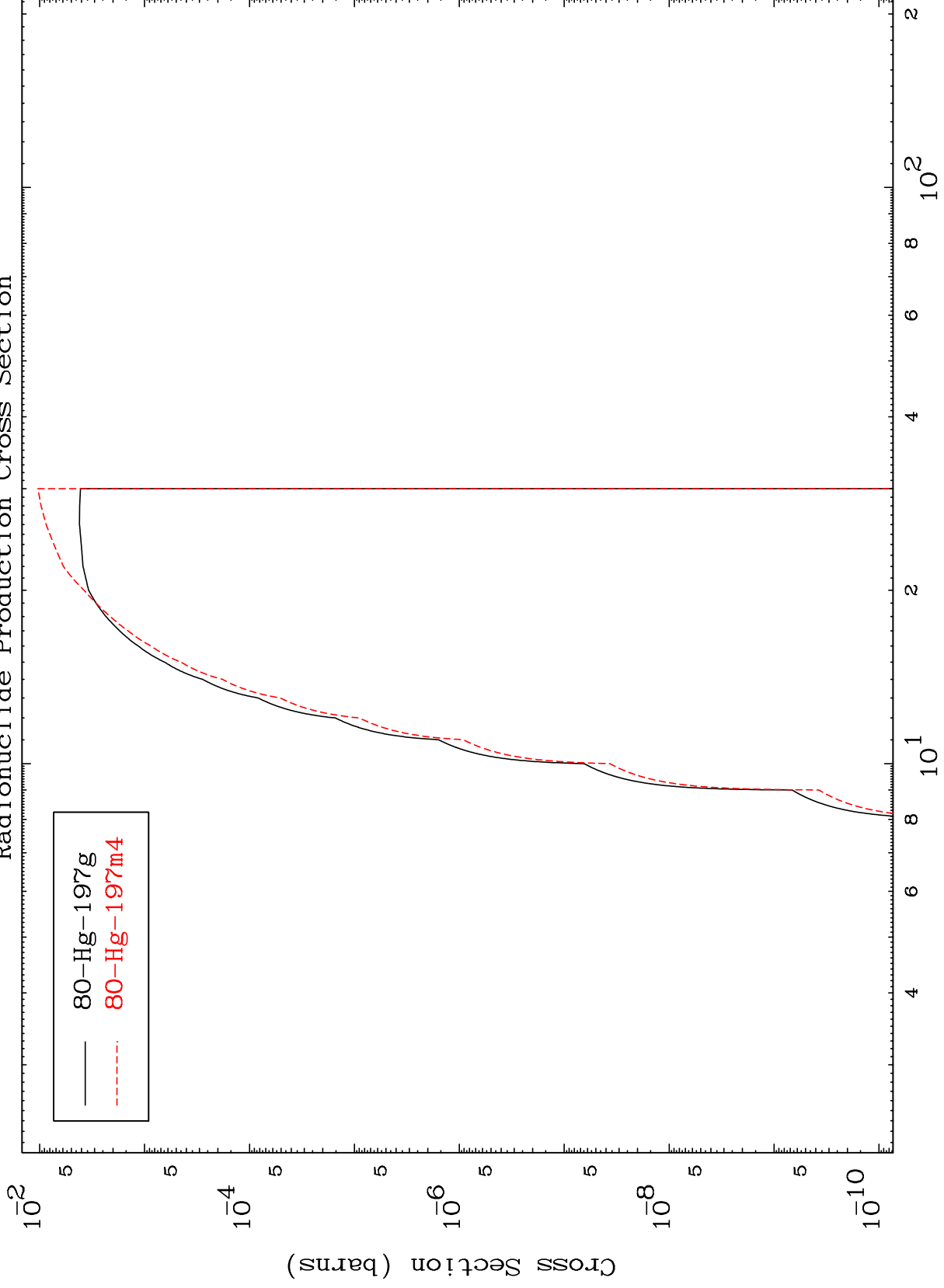
Incident Energy (MeV)

MAT 8031

(d, t)

80-Hg-198

Radionuclide Production Cross Section



25

Incident Energy (MeV)

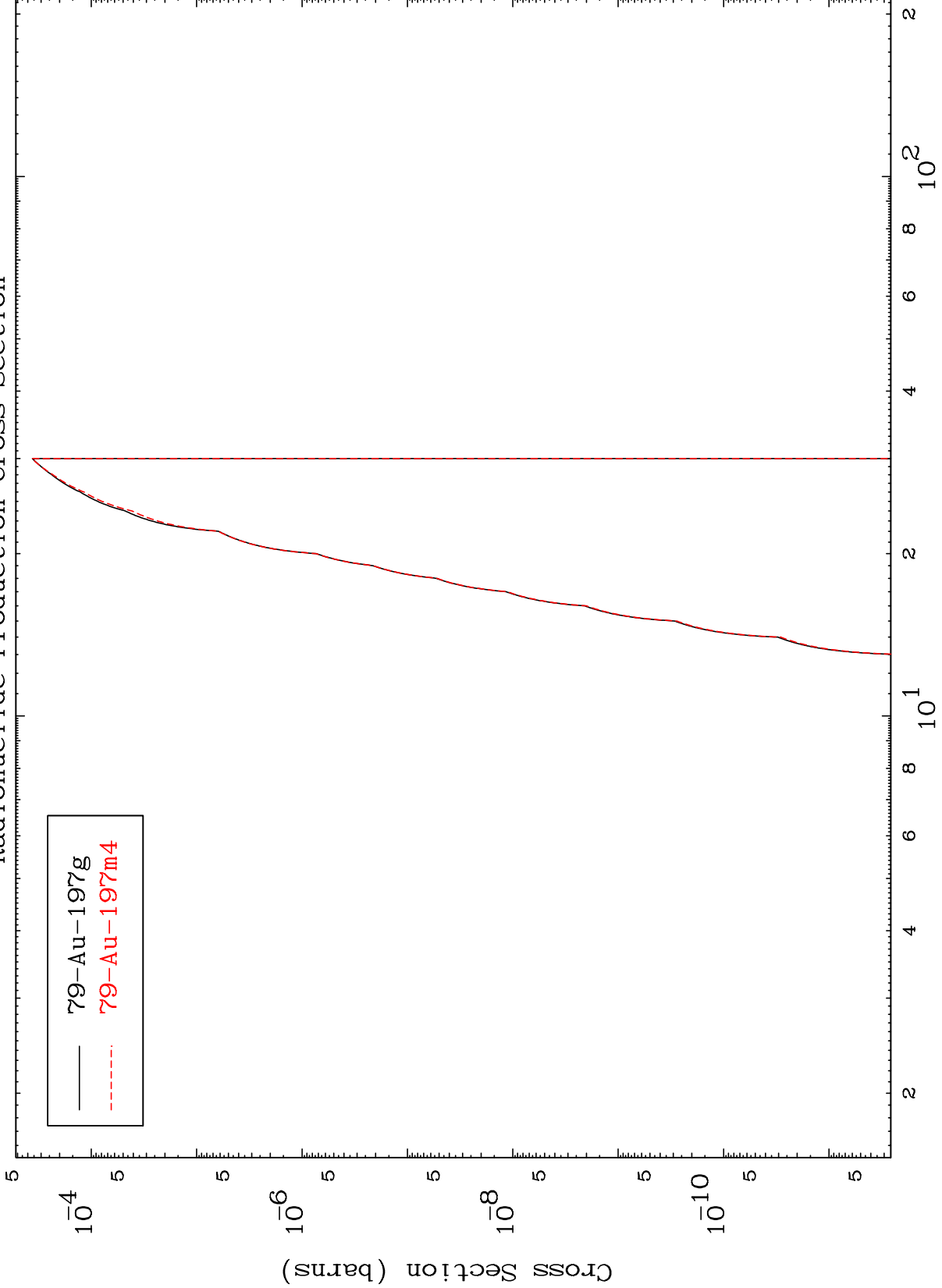
80-Hg-198

MAT 8031

(d,He-3)

80-Hg-198

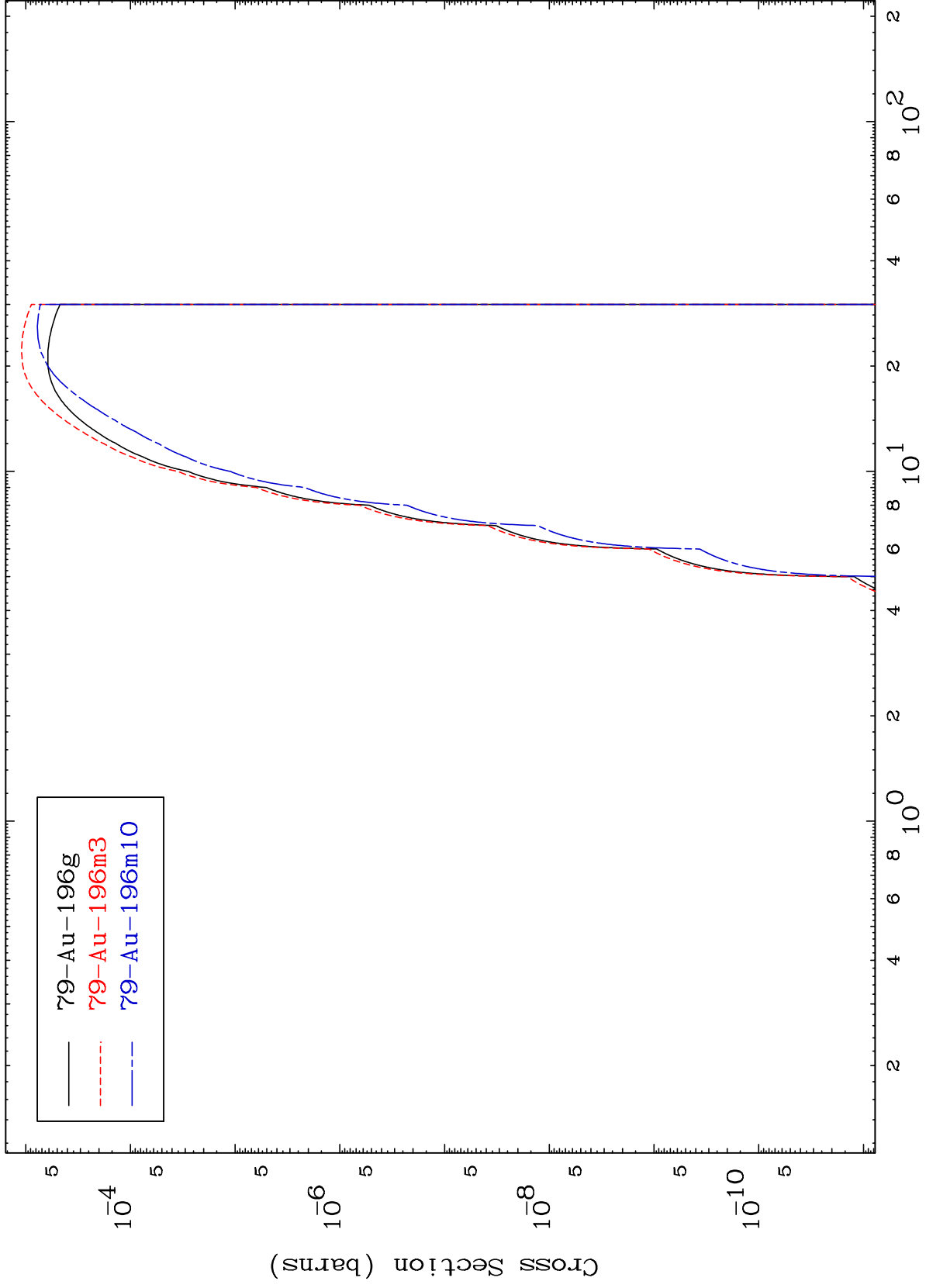
Radionuclide Production Cross Section



MAT 8031

80-Hg-198

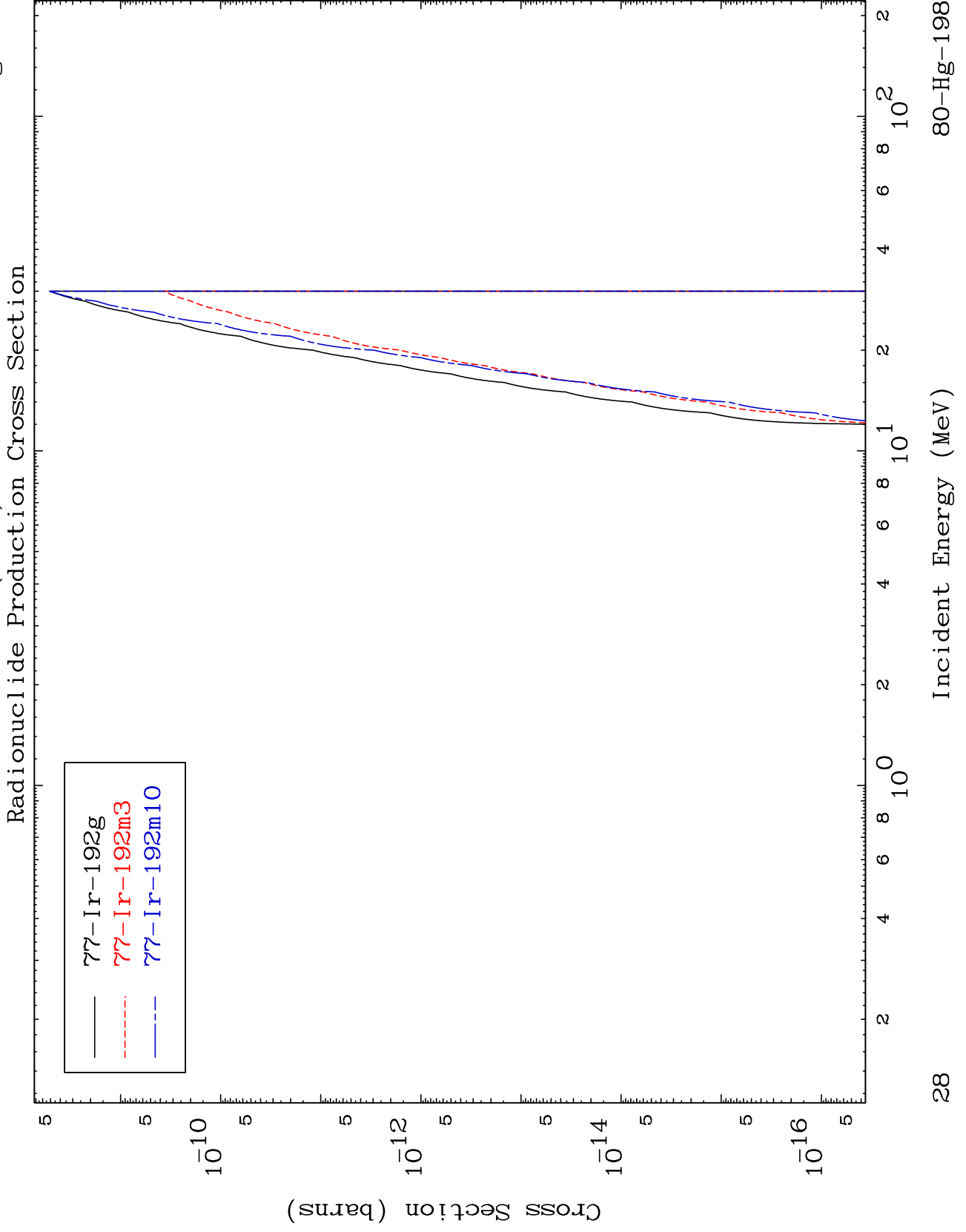
Radionuclide Production Cross Section
(d, α)



MAT 8031

(d,2 α)

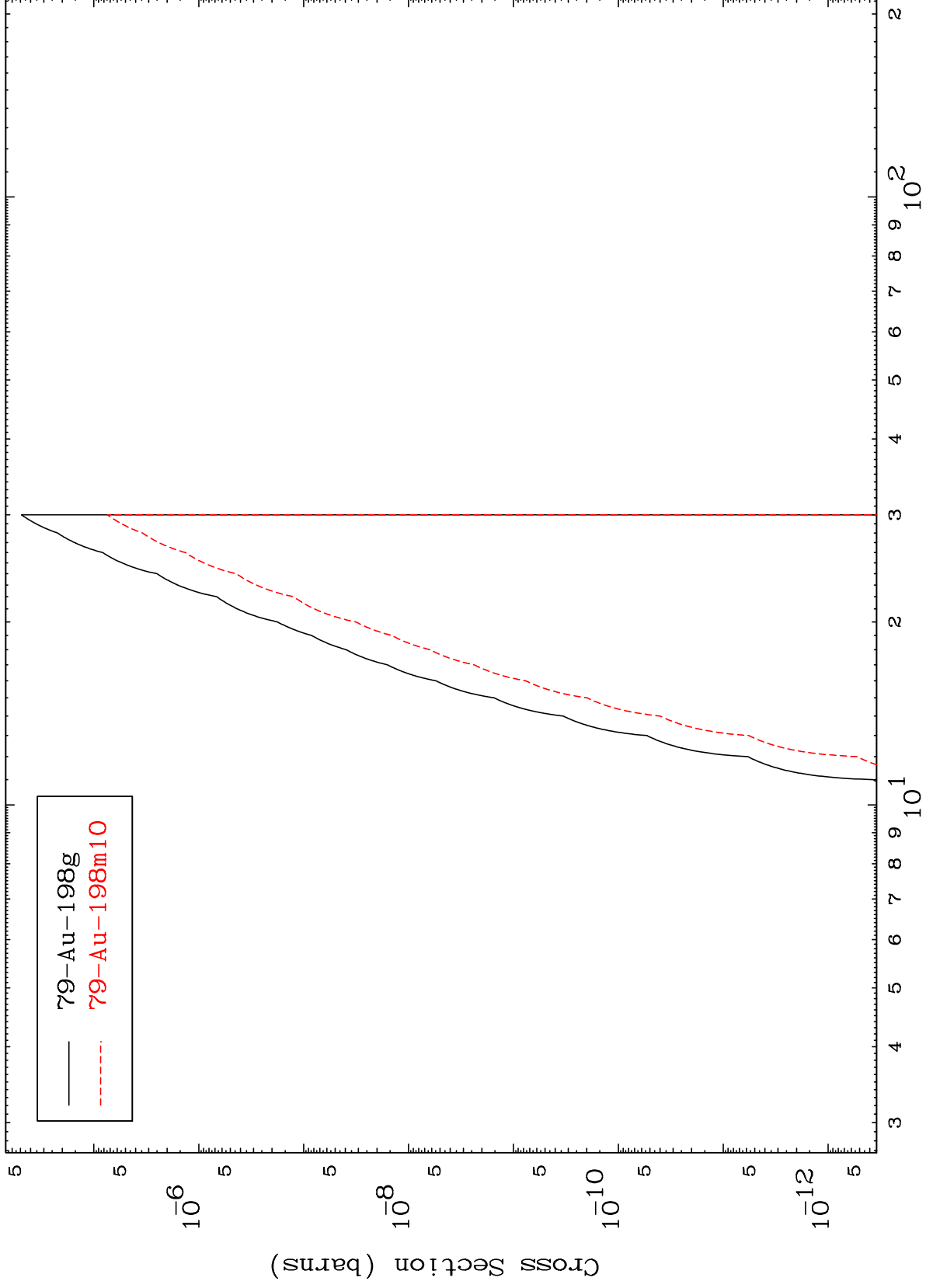
80-Hg-198



MAT 8031

80-Hg-198

(d,2p)
Radionuclide Production Cross Section



29

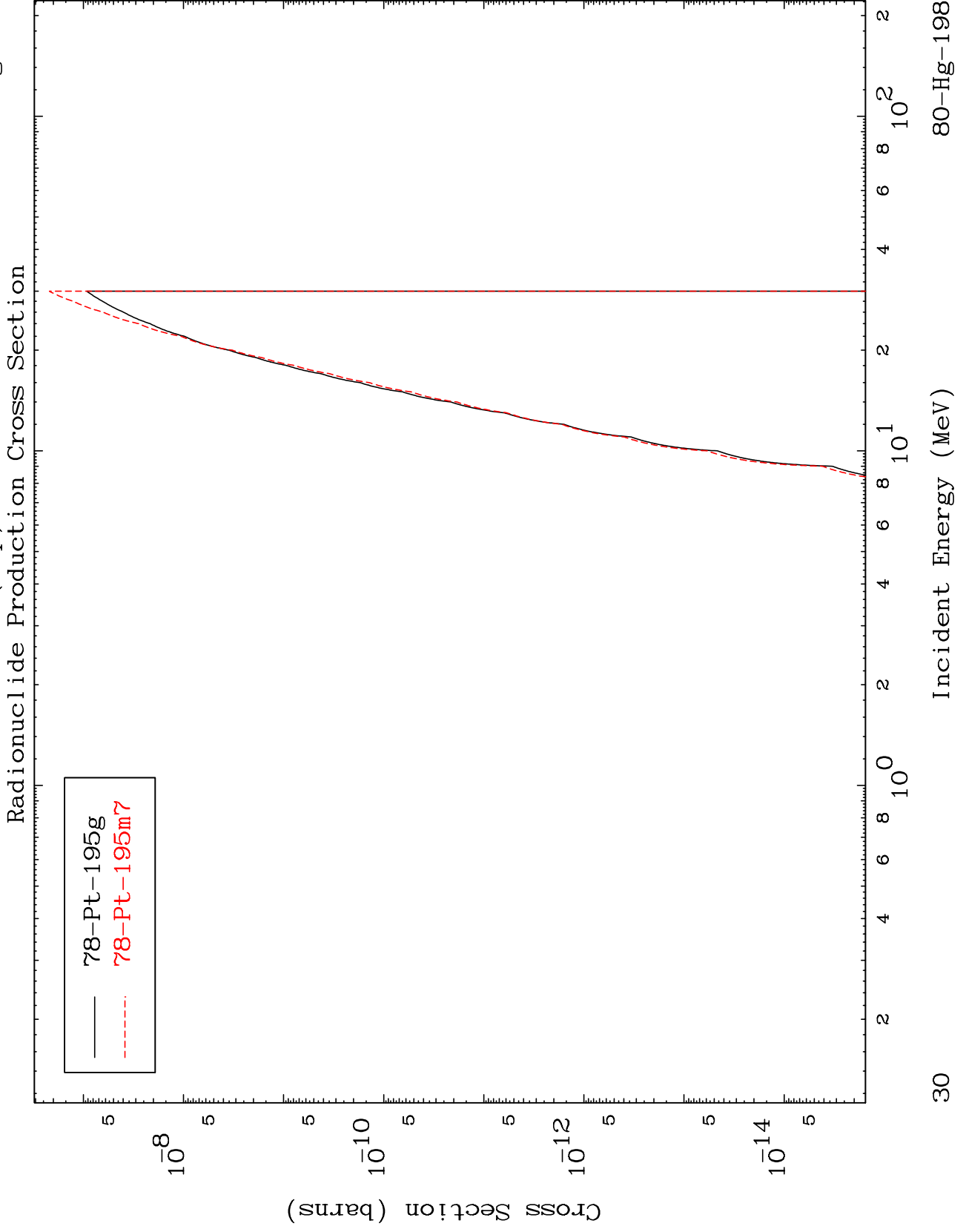
Incident Energy (MeV)

80-Hg-198

MAT 8031

(d,p) α

80-Hg-198

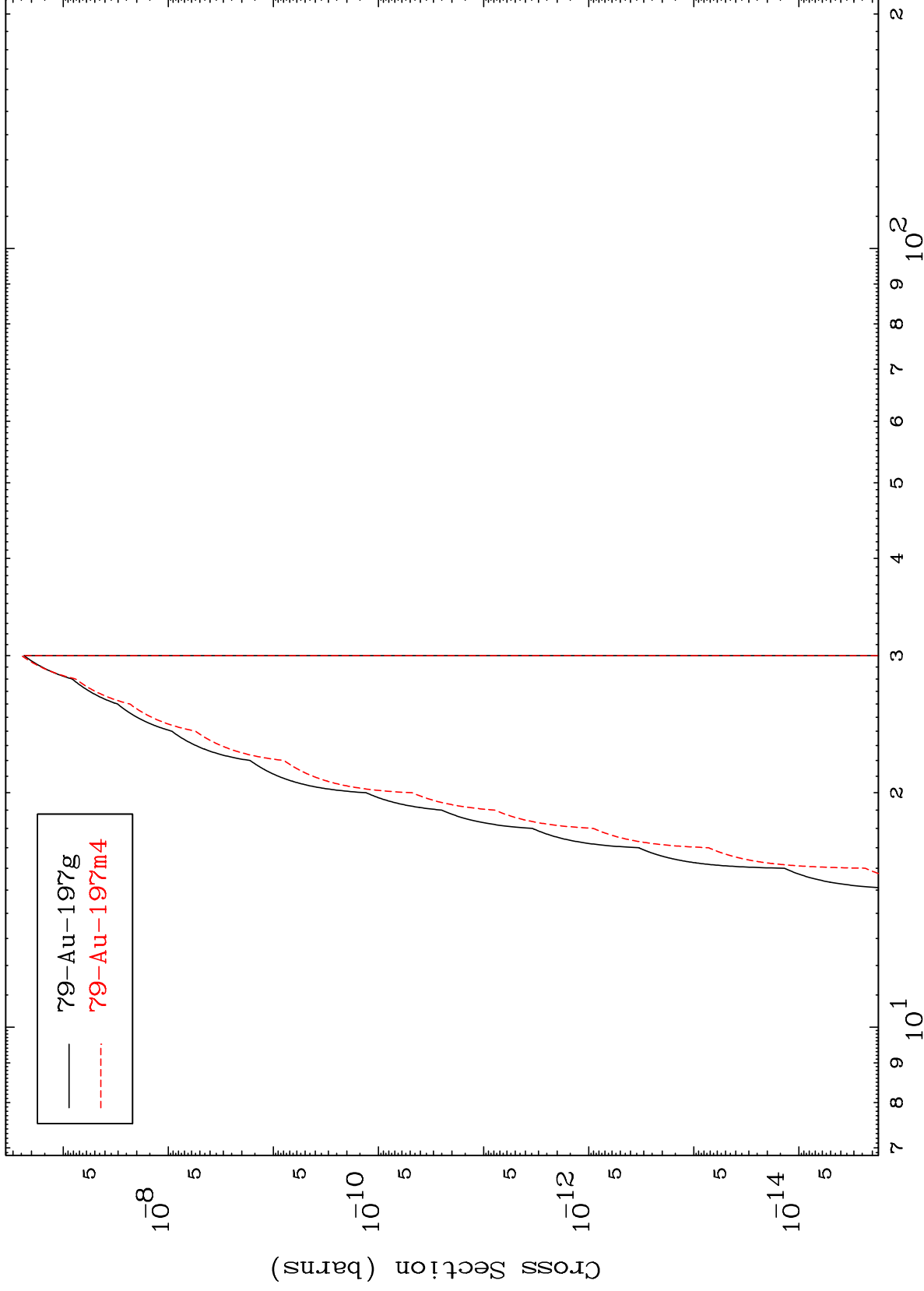


MAT 8031

(d,p) d

80-Hg-198

Radionuclide Production Cross Section



31

Incident Energy (MeV)

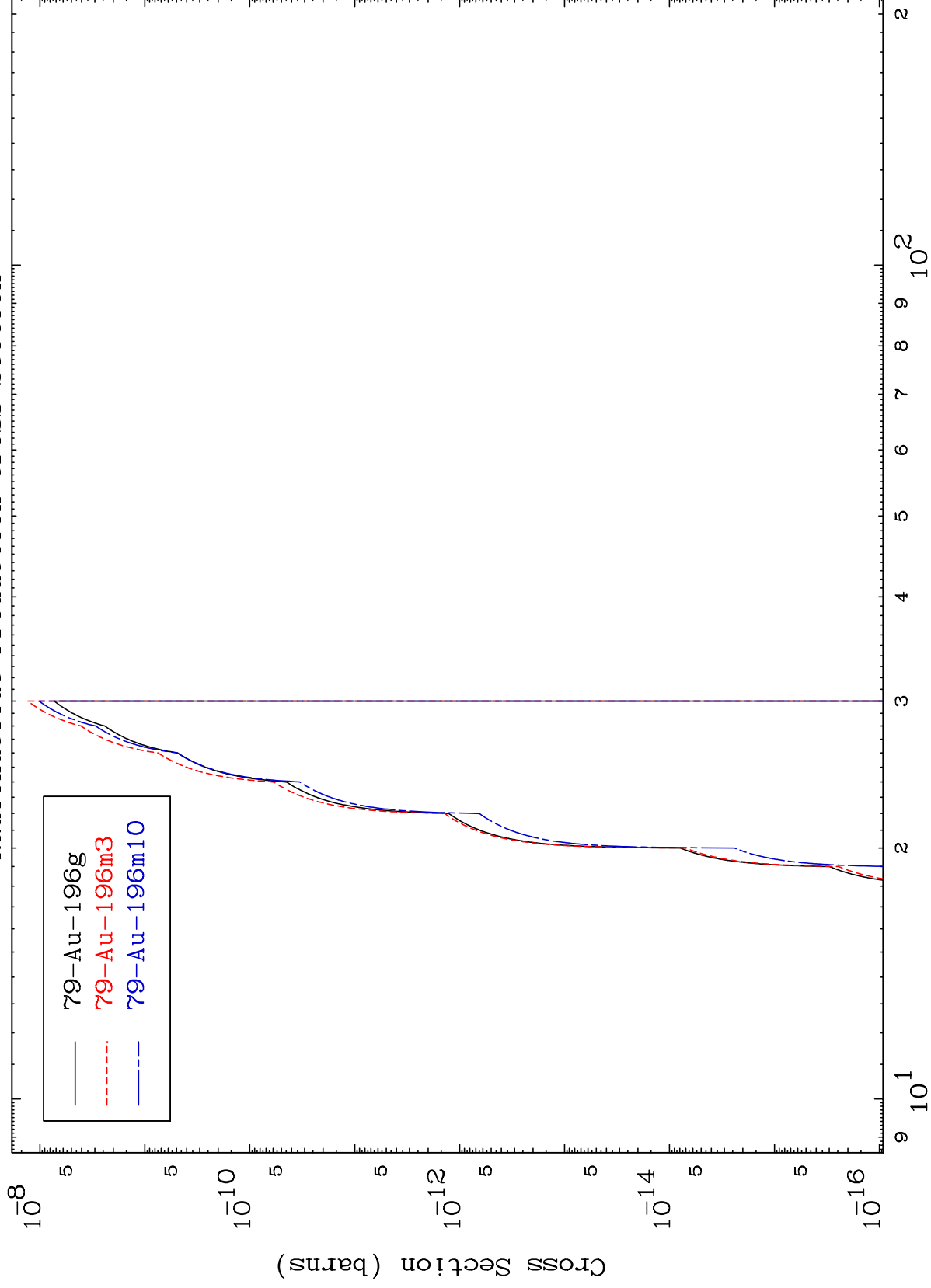
80-Hg-198

MAT 8031

80-Hg-198

(d,p) t

Radionuclide Production Cross Section



80-Hg-198

Incident Energy (MeV)

32